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ANNUAL REPORT

OF THE

SECRETARY OF INTERNAL AFFAIRS

OF THE

COMMONWEALTH OF PENNSYLVANIA.

PART III.

INDUSTRIAL STATISTICS.

VOLUME XXX.

1902.

WM. STANLEY RAY.
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1902

REPORT
OF THE
BUREAU OF INDUSTRIAL STATISTICS.
COMMUNICATION.

Department of Internal Affairs,
Harrisburg, Pa., May 1, 1903.

To His Excellency Samuel W. Pennypacker, Governor of the Commonwealth of Pennsylvania:

Sir: In compliance with the requirements of the Constitution, I have the honor to submit herewith, for transmission to the General Assembly, the thirtieth annual report of the Bureau of Industrial Statistics, the same being Part III of the reports of this Department.

I am, very respectfully,

Your obedient servant,

JAMES W. LATTA,
Secretary of Internal Affairs.



LETTER OF TRANSMITTAL.

Harrisburg, Pa., May 1, 1903.

Hon. James W. Latta, Secretary of Internal Affairs of the Commonwealth of Pennsylvania:

Sir: I have the honor to present herewith the thirtieth annual report of the Bureau of Industrial Statistics. The report contains a presentation of labor conditions in the anthracite and bituminous coals fields for the fiscal year ended June 30, 1902, and covers the manufacture of pig iron, steel, rolled iron and steel and tin plate for the calendar year ended December 31, 1902. The report also contains the 1896 Comparative Series, and contains a valuable directory of the pig iron, steel, rolled iron and steel and tin plate industries.

Very respectfully,

JAMES M. CLARK,
Chief of Bureau.



INTRODUCTION.

The report for this year is not embellished with pictures showing processes of manufacture, but in their stead comes a presentation of absorbing interest—that of labor conditions in the anthracite and bituminous coal fields for the fiscal year ended June 30, 1902, or just in the midst of the anthracite strike which created such worldwide interest.

The anthracite field work covers about two months of the strike period, and the figures are consequently for the ten months immediately preceding the strike, and cover the entire field exclusive of the washeries. The presentation shows that the miners averaged 175 days or practically two-thirds time—that 35,842 persons were employed with average earnings of \$495.97 or \$2.83 per day. This was exclusive of powder and other mine supplies. Fifty-eight thousand five hundred and ninety-two inside help, including miners' laborers, had employment for 173 days with average earnings of \$363.47 or \$2.10 a day. Forty-seven thousand three hundred and forty-six outside help, including breaker boys with average daily wage of 50 cents to \$1.10 a day, worked 177 days with average earnings of \$306.37 or \$1.73 per day.

In the bituminous field it was found that 79,121 miners worked 232 days with average yearly earnings of \$503.87 or \$2.16 per day. Eighteen thousand eight hundred and fifty-three inside people worked 244 days with average earnings of \$546.67 or \$2.24 per day. Thirteen thousand two hundred and fifty-five outside people worked 243 days with average earnings of \$453.93 or \$1.87 per day.

The very marked difference in conditions surrounding these two fields is shown by the large increase of labor in the anthracite field relative to the number of miners over that of the bituminous field. As for instance it will be seen that 58,592 inside people were employed in the anthracite mines as against 35,842 miners, while in the bituminous field only 18,853 inside people were employed as against 79,121 miners. A still more marked difference is found in the outside people, the anthracite field showing 47,346 as against 35,842 miners, while in the bituminous field only 13,255 were employed as against 79,121 miners.

Approximately 20 to 25 per cent. of the anthracite miners own their homes, and practically one-eighth of the bituminous miners.

The remarkable increase shown in the production of pig iron, steel and rolled iron and steel has been anticipated by the student of industrial conditions, but to many others the enormity of the figures will be a revelation.

The 1892 comparative series, or that ten years' series of representative establishments in the leading industries of the State, having run its course has passed out of existence, but there remains the 1896 series, which with this report closes its seventh year. A study of this series will show with much exactitude the conditions surrounding the many industries it represents, and with few exceptions increased prosperity.

Attention is called to a valuable directory of the following leading industries of the State, viz: Pig iron, steel, rolled iron and steel and tin plate.

COMPARATIVE STATISTICS OF MANUFACTURES. 1896 SERIES.

CAPITAL INVESTED.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

(NOTE.—In this table the aggregate amount of capital invested by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.)

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

1896,	7	\$5,744,982	\$	\$
1897,	7	5,316,197	—428,785
1898,	7	5,354,846	+38,649
1899,	7	5,393,523	+38,677
1900,	7	5,394,265	+742	.....
1901,	7	5,394,265	.....	.....
1902,	7	5,394,265	.....	—350,717

STEEL BILLETS, SLABS, BLOOMS, ETC.

1896,	4	13,137,175	.....	.....
1897,	4	13,218,900	+81,725	.....
1898,	4	12,718,900	—500,000	.....
1899,	4	13,318,900	+600,000	.....
1900,	4	13,791,119	+472,219	.....
1901,	4	13,791,119	.....	.....
1902,	4	13,791,119	.....	+653,944

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TOOL STEEL.

1896,	3	\$480,000	\$	\$
1897,	3	608,000	+128,000
1898,	3	690,000	+82,000
1899,	3	690,000
1900,	3	1,050,000	+360,000	.....
1901,	3	1,050,000	.....	.....
1902,	3	695,000	—355,000	+215,000

IRON AND STEEL FORGINGS.

1896,	7	431,000	.....	.....
1897,	7	430,000	—1,000	.....
1898,	7	482,850	+52,850	.....
1899,	7	491,800	+8,950	.....
1900,	7	496,100	+4,300	.....
1901,	7	585,000	+88,900	.....
1902,	7	601,200	+16,200	+170,200

IRON SPECIALTIES.

1896,	2	35,000	.....	.....
1897,	2	45,000	+10,000	.....
1898,	2	45,000	.....	.....
1899,	2	45,000	.....	.....
1900,	2	45,500	+500	.....
1901,	2	55,500	+10,000	.....
1902,	2	55,500	.....	+20,500

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
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MALLEABLE IRON.

1896,	4	\$440,000	\$	\$
1897,	4	493,925	+53,925
1898,	4	532,600	+38,675
1899,	4	1,527,533	+994,933
1900,	4	1,524,280	—3,253	.....
1901,	4	1,594,090	69,810	.....
1902,	4	2,295,903	+701,813	+1,855,903

BOLTS, NUTS, ETC.

1896,	7	1,754,000	.....	.....
1897,	7	1,776,264	+22,264	.....
1898,	7	1,787,994	+11,730	.....
1899,	7	1,811,116	+23,112	.....
1900,	7	1,825,562	+14,446	.....
1901,	7	1,850,648	+25,086	.....
1902,	7	1,927,341	+76,693	+173,341

WIRE NAILS, RIVETS, ETC.

1896,	4	1,005,000	.....	.....
1897,	4	1,015,000	+10,000	.....
1898,	4	1,012,950	—2,050	.....
1899,	4	1,045,000	+32,050	.....
1900,	4	1,025,000	—20,000	.....
1901,	4	535,000	—490,000	.....
1902,	4	878,625	+343,625	—126,375

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.

1896,	4	\$163,500	\$	\$
1897,	4	163,500
1898,	4	123,500	—40,000
1899,	4	163,500	+40,000
1900,	4	163,500	.....	.....
1901,	4	158,500	—5,000	.....
1902,	4	158,500	.....	—5,000

WIRE.

1896,	5	480,000	.....	.....
1897,	5	482,100	+2,100	.....
1898,	5	495,600	+13,500	.....
1899,	5	605,900	+110,300	.....
1900,	5	611,900	+6,000	.....
1901,	5	618,100	+6,200	.....
1902,	5	618,100	.....	+138,100

WIRE ROPE.

1896,	2	690,000	.....	.....
1897,	2	700,000	+10,000	.....
1898,	2	700,000	.....	.....
1899,	2	700,000	.....	.....
1900,	2	1,100,000	+400,000	.....
1901,	2	1,400,000	+300,000	.....
1902,	2	1,400,000	.....	+710,000

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease(−) as compared with the preceding year.	Increase (+) or decrease(−) 1902 as compared with 1896.
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WIRE GOODS.

1896,	5	\$150,950	\$	\$
1897,	5	154,450	+3,500
1898,	5	155,050	+ 600
1899,	5	170,550	+15,500
1900,	5	167,916	−2,634	.....
1901,	5	169,989	+2,073	.....
1902,	5	178,068	+8,079	+27,118

WAGON AND CARRIAGE AXLES AND SPRINGS.

1896,	5	570,475	.....	.....
1897,	5	570,475	.....	.....
1898,	5	580,475	+10,000	.....
1899,	5	590,000	+9,525	.....
1900,	5	582,454	−7,546	.....
1901,	5	594,642	+12,188	.....
1902,	5	594,388	−254	+23,913

SCALES, ETC.

1896,	4	166,000	.....	.....
1897,	4	171,000	+5,000	.....
1898,	4	176,000	+5,000	.....
1899,	4	206,000	+30,000	.....
1900,	4	216,000	+10,000	.....
1901,	4	217,000	+1,000	.....
1902,	4	226,000	+9,000	+60,000

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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STOVES, RANGES, HEATERS,
ETC.

1896,	29	\$5,308,362	\$	\$
1897,	29	5,371,359	+62,997
1898,	29	5,443,761	+72,402
1899,	29	5,379,895	—63,866	.....
1900,	29	7,211,316	+831,421	.....
1901,	29	7,199,895	—11,421	.....
1902,	29	7,024,747	—175,148	+1,716,385

BATH BOILERS, TANKS, ETC.

1896,	2	52,820	.....	.....
1897,	2	54,000	+1,180	.....
1898,	2	54,000	.....	.....
1899,	2	59,000	+5,000	.....
1900,	2	59,000	.....	.....
1901,	2	59,000	.....	.....
1902,	2	59,000	.....	+6,180

HARDWARE SPECIALTIES.

1896,	13	2,980,906	.....	.....
1897,	13	3,149,106	+168,200	.....
1898,	13	3,245,412	+96,306	.....
1899,	13	3,463,276	+217,964	.....
1900,	13	3,942,303	+479,027	.....
1901,	13	3,888,920	—53,383	.....
1902,	13	4,140,307	+251,387	+1,159,401

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
EDGE TOOLS.				
1896,	12	\$1,675,197	\$	\$
1897,	12	1,613,064	—62,133	.....
1898,	12	1,646,820	+33,756	.....
1899,	12	1,233,793	—413,027	.....
1900,	12	1,689,815	+456,022	.....
1901,	12	1,725,640	+35,825	.....
1902,	12	1,774,931	+49,291	+99,734
WRENCHES, PICKS, ETC.				
1896,	5	564,000	.....	.....
1897,	5	571,000	+7,000	.....
1898,	5	571,000	.....	.....
1899,	5	571,000	.....	.....
1900,	5	575,000	+4,000	.....
1901,	5	575,000	.....	.....
1902,	5	595,000	+20,000	+31,000
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	1,464,400	.....	.....
1897,	3	1,464,400	.....	.....
1898,	3	1,442,800	—21,600	.....
1899,	3	1,461,400	+18,600	.....
1900,	3	1,461,400	.....	.....
1901,	3	1,520,800	+59,400	.....
1902,	3	1,547,000	+26,200	+82,600

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WROUGHT IRON PIPE AND TUBES.				
1896,	5	\$13,555,000	\$	\$
1897,	5	13,505,000	—50,000	.....
1898,	5	13,505,000	.....	.....
1899,	5	14,101,131	+596,131	.....
1900,	5	14,101,131	.....	.....
1901,	5	14,101,131	.....	.....
1902,	5	14,101,131	.....	+546,131
CAST IRON PIPE.				
1896,	3	340,000	.....	.....
1897,	3	613,059	+273,059	.....
1898,	3	641,710	+28,651	.....
1899,	3	896,776	+255,066	.....
1900,	3	896,776	.....	.....
1901,	3	916,776	+20,000	.....
1902,	3	1,016,776	+100,000	+676,776
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	1,818,192	.....	.....
1897,	18	1,808,192	—10,000	.....
1898,	18	1,818,450	+10,258	.....
1899,	18	1,840,750	+22,300	.....
1900,	18	1,974,667	+33,917	.....
1901,	18	2,131,616	+156,949	.....
1902,	18	2,221,516	+89,900	+403.324

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
IRON AND STEEL BRIDGES.				
1896,	7	\$961,050	\$	\$
1897,	7	961,050	.....	.....
1898,	7	961,050	.....	.....
1899,	7	1,001,050	+40,000	.....
1900,	7	1,901,050	+900,000	.....
1901,	7	1,951,050	+50,000	.....
1902,	7	2,081,050	+130,000	+1,120,000
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	11,222,730	.....	.....
1897,	9	11,643,157	+420,427	.....
1898,	9	12,118,787	+475,630	.....
1899,	9	12,956,218	+837,431	.....
1900,	9	13,417,380	+461,162	.....
1901,	9	15,440,434	+2,023,054	.....
1902,	9	18,195,556	+2,755,122	+6,972,826
ENGINES, BOILERS, ETC.				
1896,	10	3,908,988	.....	.....
1897,	10	3,924,988	+16,000	.....
1898,	10	3,930,783	+5,795	.....
1899,	10	4,036,999	+106,216	.....
1900,	10	4,114,000	+77,001	.....
1901,	10	4,337,000	+223,000	.....
1902,	10	4,682,550	+345,550	+773,562

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	\$6,000,325	\$	\$
1897,	10	5,530,116	—470,209	.....
1898,	10	5,562,258	+32,142	.....
1899,	10	27,275,264	+21,713,006	.....
1900,	10	27,661,682	+386,418	.....
1901,	19	23,172,047	—4,489,635	.....
1902,	10	11,657,382	—11,514,665	+5,657,057
IRON VESSELS AND ENGINES.				
1896,	3	7,039,973	.....	.....
1897,	3	7,274,993	+235,020	.....
1898,	3	7,262,278	—12,715	.....
1899,	3	7,866,622	+604,344	.....
1900,	3	10,973,657	+3,107,035	.....
1901,	3	12,247,131	+1,273,474	.....
1902,	3	12,955,641	+708,510	+5,915,668
BOILERS, TANKS, STACKS, ETC.				
1896,	21	1,544,562	.....	.....
1897,	21	1,624,265	+79,703	.....
1898,	21	1,656,210	+31,945	.....
1899,	21	1,857,238	+201,028	.....
1900,	21	2,022,964	+165,726	.....
1901,	21	2,640,108	+617,144	.....
1902,	21	2,789,814	+149,706	+1,245,252

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
MACHINERY				
1896,	20	\$8,798,408	\$	\$
1897,	20	8,921,924	+123,516	.....
1898,	20	9,297,253	+375,329	.....
1899,	20	9,650,673	+353,420	.....
1900,	20	10,418,419	+767,746	.....
1901,	20	11,451,866	+1,033,447	.....
1902,	20	11,547,349	+95,483	+2,748,941
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	3,041,550	.....	.....
1897,	25	3,062,486	+20,936	.....
1898,	25	3,161,069	+98,583	.....
1899,	25	3,621,293	+460,224	.....
1900,	25	3,939,754	+318,461	.....
1901,	25	4,236,490	+296,736	.....
1902,	25	5,142,452	+905,962	+2,100,902
FILES, ETC.				
1896,	2	510,000	.....	.....
1897,	2	510,000	.....	.....
1898,	2	512,000	+2,000	.....
1899,	2	512,000	.....	.....
1900,	2	512,000	.....	.....
1901,	2	515,000	+3,000	.....
1902,	2	515,500	+500	+5,500

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAWS.				
1896,	3	\$310,000	\$	\$
1897,	3	335,000	+25,000	.....
1898,	3	335,000	.....	.....
1899,	3	335,000	.....	.....
1900,	3	334,000	—1,000	.....
1901,	3	334,000	.....	.....
1902,	3	333,900	—100	+23,900
PLUMBER SUPPLIES.				
1896,	3	2,105,078	.....	.....
1897,	3	2,043,751	—61,327	.....
1898,	3	2,031,622	—12,129	.....
1899,	3	2,080,669	+49,047	.....
1900,	3	2,266,837	+186,168	.....
1901,	3	2,274,610	+7,773	.....
1902,	3	2,291,033	+16,423	+185,955
ELECTRICAL SUPPLIES.				
1896,	4	12,815,696	.....	.....
1897,	4	12,848,743	+33,047	.....
1898,	4	13,893,503	+1,044,760	.....
1899,	4	14,018,383	+124,880	.....
1900,	4	15,032,833	+1,014,450	.....
1901,	4	18,488,343	+3,455,510	.....
1902,	4	20,286,676	+1,798,333	+7,470,980

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$651,100	\$	\$
1897,	8	651,100	.....	.....
1898,	8	648,100	—3,000	.....
1899,	8	648,100	.....	.....
1900,	8	741,100	+93,000	.....
1901,	8	766,100	+25,000	.....
1902,	8	863,232	+97,132	+212,132
SAFES AND VAULT DOORS.				
1896,	2	80,000	.....	.....
1897,	2	68,000	—12,000	.....
1898,	2	68,000	.....	.....
1899,	2	68,000	.....	.....
1900,	2	173,397	+105,397	.....
1901,	2	178,262	+4,865	.....
1902,	2	224,329	+46,067	+144,329
METAL AND METALLIC GOODS.				
1896,	3	280,400	.....	.....
1897,	3	280,400	.....	.....
1898,	3	390,000	+109,600	.....
1899,	3	390,000	.....	.....
1900,	3	390,000	.....	.....
1901,	3	390,000	.....	.....
1902,	3	400,000	+10,000	+119,600

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	\$823,000	\$	\$
1897,	2	823,000	.....	.....
1898,	2	823,000	.....	.....
1899,	2	823,000	.....	.....
1900,	2	823,000	.....	.....
1901,	2	833,950	+10,950	.....
1902,	2	833,950	.....	+10,950
IRON CHAINS.				
1896,	5	253,542	.....	.....
1897,	5	258,542	+5,000	.....
1898,	5	264,542	+6,000	.....
1899,	5	264,542	.....	.....
1900,	5	334,798	+70,256	.....
1901,	5	351,174	+16,376	.....
1902,	5	416,494	+65,320	+162,952
IRON FENCES AND RAILINGS.				
1896,	7	40,500	.....	.....
1897,	7	42,500	+2,000	.....
1898,	7	46,000	+3,500	.....
1899,	7	49,300	+3,300	.....
1900,	7	56,500	+7,200	.....
1901,	7	113,628	+57,128	.....
1902,	7	118,953	+5,325	+78,453

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	\$833,000	\$	\$
1897,	11	1,835,000	+1,002,000
1898,	11	1,883,000	+48,000
1899,	11	1,643,000	—240,000	.....
1900,	11	1,975,000	+332,000	.....
1901,	11	2,129,000	+154,000	.....
1902,	11	1,620,829	—508,171	+787,829

STEAM PUMPS.

1896,	2	280,000	.....	.....
1897,	2	376,974	+96,974	.....
1898,	2	380,871	+3,897	.....
1899,	2	433,343	+52,472	.....
1900,	2	479,015	+45,672	.....
1901,	2	503,522	+24,507	.....
1902,	2	516,533	+13,011	+236,533

BICYCLES

1896,	3	200,000	.....	.....
1897,	3	253,000	+53,000	.....
1898,	3	255,000	+20,000	.....
1899,	3	255,000	.....	.....
1900,	3	255,000	.....	.....
1901,	3	240,000	—15,000	.....
1902,	2	245,626	+5,626	+45,626

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
PIANOS AND ORGANS.				
1896,	2	\$51,000	\$	\$
1897,	2	51,000	.....	.....
1898,	2	117,000	+66,000	.....
1899,	2	141,000	+24,000	.....
1900,	2	246,000	+105,000	.....
1901,	2	358,081	+112,081	.....
1902,	2	422,639	+64,558	+371,639
TINWARE.				
1896,	5	372,700	.....	.....
1897,	5	374,000	+1,300	.....
1898,	5	374,000	.....	.....
1899,	5	414,000	+40,000	.....
1900,	5	434,000	+20,000	.....
1901,	5	578,000	+144,000	.....
1902,	5	606,000	+28,000	+233,300
PAPER MANUFACTORIES.				
1896,	8	4,257,961	.....	.....
1897,	8	4,425,013	+167,052	.....
1898,	8	4,771,595	+346,582	.....
1899,	8	5,082,399	+310,804	.....
1900,	8	5,666,232	+583,833	.....
1901,	8	5,799,229	+132,997	.....
1902,	8	6,468,589	+669,360	+2,210,628

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	\$285,000	\$	\$
1897,	3	345,000	+60,000
1898,	3	360,500	+15,500
1899,	3	360,000	—500
1900,	3	750,000	+390,000	.....
1901,	3	750,000	.....	.....
1902,	3	745,000	—5,000	+460,000

CIGARS.

1896,	46	2,805,477	.....	.....
1897,	46	3,025,250	+219,773	.....
1898,	46	3,044,190	+18,940	.....
1899,	46	3,347,204	+303,014	.....
1900,	46	3,669,420	+322,216	.....
1901,	46	4,071,578	+402,158	.....
1902,	46	3,847,738	—223,840	+1,042,261

BOOK BINDING.

1896,	3	125,000	.....	.....
1897,	3	126,500	+1,500	.....
1898,	3	130,000	+3,500	.....
1899,	3	131,800	+1,800	.....
1900,	3	136,250	+4,450	.....
1901,	3	140,000	+3,750	.....
1902,	3	150,000	+10,000	+25,000

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE ROPE AND TWINE.				
1896,	5	\$3,260,000	\$	\$
1897,	5	3,260,000	.....	.....
1898,	5	3,260,000	.....	.....
1899,	5	3,435,000	+175,000	.....
1900,	5	3,410,000	—25,000	.....
1901,	5	3,510,000	+100,000	.....
1902,	5	3,510,000	.....	+250,000
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	1,464,380	.....	.....
1897,	26	1,475,020	+10,640	.....
1898,	26	1,456,372	—18,648	.....
1899,	26	1,487,951	+31,579	.....
1900,	26	1,527,160	+39,209	.....
1901,	26	1,470,644	—56,516	.....
1902,	26	1,544,654	+74,010	+80,274
POTTERY.				
1896,	2	510,000	.....	.....
1897,	2	560,000	+50,000	.....
1898,	2	560,000	.....	.....
1899,	2	510,000	—50,000	.....
1900,	2	505,000	—5,000	.....
1901,	2	505,000	.....	.....
1902,	2	572,340	+67,340	+62,340

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	\$481,200	\$	\$
1897,	7	521,500	+40,300	.....
1898,	7	549,644	+28,144	.....
1899,	7	614,478	+64,834	.....
1900,	7	642,074	+27,596	.....
1901,	7	638,707	—3,367	.....
1902,	7	727,862	+89,155	+246,662
BUILDING BRICK.				
1896,	33	3,514,700	.....	.....
1897,	33	3,545,347	+30,647	.....
1898,	33	3,590,386	+45,039	.....
1899,	33	3,714,184	+123,798	.....
1900,	33	3,715,898	+1,714	.....
1901,	33	3,622,539	—93,359	.....
1902,	33	4,846,787	+1,224,248	+1,332,087
FIRE BRICK.				
1896,	17	2,240,600	.....	.....
1897,	17	2,421,783	+181,183	.....
1898,	17	2,556,283	+134,500	.....
1899,	17	2,746,876	+190,593	.....
1900,	17	2,935,232	+188,356	.....
1901,	17	2,998,426	+63,194	.....
1902,	17	3,107,816	+109,390	+867,216

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease(-) as compared with the preceding year.	Increase (+) or decrease(-) 1902 as compared with 1896.
SLATE ROOFING, ETC., TON- NAGE.				
1896,	6	\$1,021,451	\$	\$
1897,	6	1,041,800	+20,349	.....
1898,	6	1,022,007	-19,793	.....
1899,	6	831,112	-190,895	.....
1900,	6	974,100	+142,988	.....
1901,	6	1,043,453	+69,353	.....
1902,	6	1,053,826	+10,373	+32,375
SLATE ROOFING, ETC., SQUARES.				
1896,	14	511,916	.....	.....
1897,	14	513,914	+1,998	.....
1898,	14	704,913	+190,999	.....
1899,	14	534,914	-169,999	.....
1900,	14	630,914	+96,000	.....
1901,	14	553,814	-77,100	.....
1902,	14	568,014	+14,200	+56,098
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	13,432,300	.....	.....
1897,	21	13,447,382	+15,082	.....
1898,	21	13,582,482	+135,100	.....
1899,	21	13,652,097	+69,615	.....
1900,	21	14,908,346	+1,256,249	.....
1901,	21	13,642,725	-1,265,621	.....
1902,	21	15,383,325	+1,740,600	+1,951,025

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
GLAZED AND CHROME KID.				
1896,	7	\$3,857,983	\$	\$
1897,	7	4,068,915	+210,932	.....
1898,	7	4,163,993	+95,078	.....
1899,	7	4,609,490	+445,497	.....
1900,	7	4,861,913	+252,423	.....
1901,	7	5,931,303	+1,069,390	.....
1902,	7	6,030,353	+99,050	+2,172,370
MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.				
1896,	14	2,102,713	.....	.....
1897,	14	2,164,301	+61,588	.....
1898,	14	2,260,081	+95,780	.....
1899,	14	2,355,681	+95,600	.....
1900,	14	2,350,383	—5,298	.....
1901,	14	2,400,518	+50,135	.....
1902,	14	2,400,137	—381	+297,424
SUSPENDERS.				
1896,	2	82,000	.....	.....
1897,	2	92,000	+10,000	.....
1898,	2	95,000	+3,000	.....
1899,	2	120,000	+25,000	.....
1900,	2	150,000	+30,000	.....
1901,	2	170,500	+20,500	.....
1902,	2	195,500	+25,000	+113,500

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
HATS AND CAPS.				
1896,	3	\$273,592	\$	\$
1897,	3	307,789	+34,197	.....
1898,	3	296,776	—11,013	.....
1899,	3	307,676	+10,900	.....
1900,	3	360,735	+53,059	.....
1901,	3	375,548	+14,813	.....
1902,	3	354,814	—20,734	+81,222
FUR AND FELT HATS.				
1896,	4	2,773,726	.....	.....
1897,	4	2,782,743	+9,017	.....
1898,	4	2,775,406	—7,337	.....
1899,	4	2,775,439	+33	.....
1900,	4	3,077,842	+302,403	.....
1901,	4	3,074,328	—3,514	.....
1902,	4	3,074,230	—98	+300,504
WOOL HATS.				
1896,	7	338,997	.....	.....
1897,	7	424,035	+85,038	.....
1898,	7	458,635	+34,600	.....
1899,	7	414,493	—44,142	.....
1900,	7	462,722	+48,229	.....
1901,	7	489,264	+26,542	.....
1902,	7	465,390	—23,874	+126,393

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	\$407,435	\$	\$
1897,	4	404,000	—3,435	.....
1898,	4	327,000	—77,000	.....
1899,	4	353,000	+16,000	.....
1900,	4	353,000	.....	.....
1901,	4	350,819	—2,181	.....
1902,	4	415,490	+64,671	+8,055
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	1,158,296	.....	.....
1897,	8	1,176,796	+18,500	.....
1898,	8	1,229,296	+52,500	.....
1899,	8	1,319,688	+90,392	.....
1900,	8	1,411,475	+91,787	.....
1901,	8	1,529,063	+117,588	.....
1902,	8	1,607,500	+78,437	+449,204
SHIRTS AND SHIRT WAISTS.				
1896,	9	905,500	.....	.....
1897,	9	907,500	+2,000	.....
1898,	9	933,200	+25,700	.....
1899,	9	979,900	+46,700	.....
1900,	9	979,700	—200	.....
1901,	9	967,900	—11,800	.....
1902,	9	989,200	+21,300	+83,700

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
NECKWEAR.				
1896,	3	\$135,000	\$	\$
1897,	3	135,000	.....	.....
1898,	3	135,000	.....	.....
1899,	3	135,000	.....	.....
1900,	3	135,000	.....	.....
1901,	3	135,850	+850	.....
1902,	3	136,200	+350	+1,200
COTTON AND WOOLEN CLOTHS.				
1896,	23	3,253,847	.....	.....
1897,	23	3,418,946	+165,099	.....
1898,	23	3,427,346	+8,400	.....
1899,	23	3,475,167	+47,821	.....
1900,	23	3,957,930	+482,763	.....
1901,	23	4,123,393	+165,463	.....
1902,	23	4,855,090	+731,697	+1,601,243
CARPETS.				
1896,	17	3,150,625	.....	.....
1897,	17	3,240,181	+89,556	.....
1898,	17	3,339,213	+99,032	.....
1899,	17	3,653,864	+314,651	.....
1900,	17	3,624,415	—29,449	.....
1901,	17	3,628,328	+3,913	.....
1902,	17	3,669,040	+40,712	+518,415

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	\$2,767,649	\$	\$
1897,	16	2,825,764	+58,115	.....
1898,	16	2,893,271	+67,507	.....
1899,	16	3,309,205	+415,934	.....
1900,	16	3,313,177	+3,972	.....
1901,	16	3,363,442	+50,265	.....
1902,	16	3,400,196	+36,754	+632,547
WOOLEN AND WORSTED CASSI- MERES.				
1896,	10	1,261,633	.....	.....
1897,	10	1,303,549	+41,916	.....
1898,	10	1,265,000	—38,549	.....
1899,	10	1,345,000	+80,000	.....
1900,	10	1,345,000	.....	.....
1901,	10	1,345,000	.....	.....
1902,	10	1,350,000	+5,000	+88,367
WOOLEN AND WORSTED FA- BRICS.				
1896,	15	2,927,836	.....	.....
1897,	15	3,111,227	+183,391	.....
1898,	15	3,260,892	+149,665	.....
1899,	15	3,444,180	+183,288	.....
1900,	15	3,471,532	+27,352	.....
1901,	15	3,684,989	+213,457	.....
1902,	15	3,915,840	+230,851	+988,004

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896
WOOLEN AND WORSTED YARNS.				
1896,	12	\$2,669,270	\$	\$
1897,	12	1,719,270	—950,000	.....
1898,	12	2,216,000	+496,730	.....
1899,	12	2,686,000	+470,000	.....
1900,	12	2,738,000	+52,000	.....
1901,	12	2,749,500	+11,500	.....
1902,	12	2,889,000	+139,500	+219,730
RUGS, YARNS, ETC.				
1896,	5	5,360,733	.....	.....
1897,	5	4,943,779	—416,954	.....
1898,	5	5,056,824	+113,045	.....
1899,	5	5,393,446	+336,622	.....
1900,	5	5,406,791	+13,345	.....
1901,	5	5,161,001	—245,790	.....
1902,	5	5,126,650	—34,351	—234,083
CARPET YARNS.				
1896,	11	953,500	.....	.....
1897,	11	967,575	+14,075	.....
1898,	11	968,000	+425	.....
1899,	11	1,062,532	+94,532	.....
1900,	11	1,041,068	—21,464	.....
1901,	11	1,074,009	+32,941	.....
1902,	11	1,037,156	—36,853	+83,656

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$1,240,209	\$	\$
1897,	7	1,239,175	—1,034	.....
1898,	7	1,245,037	+5,862	.....
1899,	7	1,296,148	+51,111	.....
1900,	7	1,311,543	+15,395	.....
1901,	7	1,426,207	+114,664	.....
1902,	7	1,431,000	+4,793	+190,791
WORSTED, COTTON AND WOOLEN YARNS.				
1896,	9	1,705,274	.....	.....
1897,	9	1,705,274	.....	.....
1898,	9	1,719,112	+13,838	.....
1899,	9	2,030,613	+311,501	.....
1900,	9	2,104,926	+74,313	.....
1901,	9	2,209,183	+104,257	.....
1902,	9	2,023,183	—186,000	+317,909
WOOLEN BLANKETS, FLANNELS, ETC.				
1896,	5	669,730	.....	.....
1897,	5	687,000	+17,270	.....
1898,	5	696,500	+9,500	.....
1899,	5	794,122	+97,622	.....
1900,	5	853,909	+59,787	.....
1901,	5	851,526	—2,383	.....
1902,	5	869,275	+17,749	+199,545

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase(+, or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	\$741,000	\$	\$
1897,	3	741,300	+300	.....
1898,	3	795,000	+53,700	.....
1899,	3	860,850	+65,850	.....
1900,	3	886,044	+25,194	.....
1901,	3	913,154	+27,110	.....
1902,	3	994,195	+81,041	+253,195
CHENILLE GOODS.				
1896,	3	470,000	.....	.....
1897,	3	470,000	.....	.....
1898,	3	470,000	.....	.....
1899,	3	465,000	—5,000	.....
1900,	3	515,000	+50,000	.....
1901,	3	640,000	+125,000	.....
1902,	3	775,313	+135,313	+305,313
UPHOLSTERY GOODS.				
1896,	8	1,610,000	.....	.....
1897,	8	1,635,000	+25,000	.....
1898,	8	1,635,000	.....	.....
1899,	8	1,642,000	+7,000	.....
1900,	8	1,773,000	+131,000	.....
1901,	8	1,830,974	+57,974	.....
1902,	8	1,955,000	+124,026	+345,000

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Capital.	Increase (+ or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	\$1,750,000	\$	\$
1897,	13	1,798,000	+48,000	.....
1898,	13	1,833,600	+35,600	.....
1899,	13	1,987,729	+154,129	.....
1900,	13	2,096,610	+108,881	.....
1901,	13	2,161,429	+64,819	.....
1902,	13	2,217,257	+55,828	+467,257
HOSIERY.				
1896,	31	1,997,318	.....	.....
1897,	31	2,154,951	+157,633	.....
1898,	31	2,347,041	+192,090	.....
1899,	31	2,894,145	+547,104	.....
1900,	31	3,117,842	+223,697	.....
1901,	31	3,303,176	+185,334	.....
1902,	31	3,662,965	+359,789	+1,665,647
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	1,374,700	.....	.....
1897,	5	1,424,700	+50,000	.....
1898,	5	1,777,500	+352,800	.....
1899,	5	1,902,500	+125,000	.....
1900,	5	1,902,500	.....	.....
1901,	5	1,897,500	—5,000	.....
1892,	5	1,952,500	+55,000	+577,800

CAPITAL INVESTED—Continued.

COMPARISON OF AGGREGATE CAPITAL INVESTED—SAME ESTABLISHMENTS, 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Capital.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
1896,	2	\$1,650,000	\$	\$
1897,	2	1,650,000	.....	.....
1898,	2	1,660,000	+10,000	.....
1899,	2	1,670,000	+10,000	.....
1900,	2	1,700,000	+30,000	.....
1901,	2	1,700,000	.....	.....
1902,	2	1,758,248	+58,248	+108,248
SILK—RIBBONS.				
1896,	4	311,882	.....	.....
1897,	4	394,180	+82,298	.....
1898,	4	445,313	+51,133	.....
1899,	4	463,316	+18,003	.....
1900,	4	504,168	+40,852	.....
1901,	4	556,521	+52,353	.....
1902,	4	517,116	—39,405	+205,234

BASIC MATERIAL.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the aggregate cost of basic material by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered. In basic material is not included fuel or other item than that crude material out of which the product is produced.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

1896,	7	\$418,609	\$	\$
1897,	7	402,115	—16,494
1898,	7	517,448	+115,333
1899,	7	822,724	+205,276
1900,	7	618,748	—203,976	.....
1901,	7	574,406	—44,342	.....
1902,	7	986,715	+412,209	+568,106

STEEL BILLETS, SLABS, BLOOMS, ETC.

1896,	4	5,724,832	.....	.....
1897,	4	7,363,930	+1,639,098	.....
1898,	4	8,285,732	+921,802	.....
1899,	4	14,459,812	+6,174,080	.....
1900,	4	13,200,979	—1,258,833	.....
1901,	4	14,531,245	+1,330,266	.....
1902,	4	13,911,881	—6,199,364	+8,187,049

TOOL STEEL.

1896,	3	146,601	.....	.....
1897,	3	74,610	—71,991	.....

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TOOL STEEL—Continued.

1898,	3	\$89,554	+\$14,944	\$
1899,	3	96,154	+6,600
1900,	3	78,514	—17,640
1901,	3	126,488	+47,974	.....
1902,	3	176,919	+50,431	+30,318

IRON AND STEEL FORGINGS.

1896,	7	141,286	.....	.....
1897,	7	122,710	—18,576	.....
1898,	7	157,035	+34,325	.....
1899,	7	252,496	+95,461	.....
1900,	7	241,555	—10,941	.....
1901,	7	281,056	+38,501	.....
1902,	7	334,198	+53,142	+192,912

IRON SPECIALTIES.

1896,	2	47,113	.....	.....
1897,	2	77,228	+30,115	.....
1898,	2	45,879	—31,349	.....
1899,	2	48,083	+2,204	.....
1900,	2	51,684	+3,601	.....
1901,	2	53,750	+2,066	.....
1902,	2	59,450	+5,700	+12,337

MALLEABLE IRON.

1896,	4	590,308	.....	.....
1897,	4	455,890	—134,418	.....

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MALLEABLE IRON—Continued.

1898,	4	\$698,054	+\$242,164	\$
1899,	4	839,640	+141,586
1900,	4	975,533	+135,893
1901,	4	873,539	—101,994	.....
1902,	4	928,899	+55,360	+338,591

BOLTS, NUTS, ETC.

1896,	7	505,453	.....	.....
1897,	7	452,699	—52,754	.....
1898,	7	564,979	+112,280	.....
1899,	7	1,219,189	+654,210	.....
1900,	7	1,170,665	—48,524	.....
1901,	7	1,165,743	—4,922	.....
1902,	7	1,508,979	+343,236	+1,003,526

WIRE NAILS, RIVETS, ETC.

1896,	4	521,603	.....	.....
1897,	4	884,350	+362,747	.....
1898,	4	575,701	—308,649	.....
1899,	4	738,589	+162,888	.....
1900,	4	765,914	+27,325	.....
1901,	4	443,771	—322,143	.....
1902,	4	449,892	+6,121	—71,711

TACKS AND SMALL NAILS.

1896,	4	48,253	.....	.....
1897,	4	40,862	—7,391	.....

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.—
Continued.

1898,	4	\$35,049	—\$5,813	\$
1899,	4	68,184	+33,135
1900,	4	64,075	—4,109
1901,	4	70,748	+6,673	.....
1902,	4	75,900	+5,152	+27,647

WIRE.

1896,	5	118,055	.....	.....
1897,	5	108,939	—9,116	.....
1898,	5	127,555	+18,616	.....
1899,	5	135,429	+7,874	.....
1900,	5	216,356	+80,927	.....
1901,	5	216,782	+426	.....
1902,	5	186,367	—30,415	+68,312

WIRE ROPE.

1896,	2	292,275	.....	.....
1897,	2	230,111	—62,164	.....
1898,	2	248,135	+18,024	.....
1899,	2	361,009	+112,874	.....
1900,	2	1,035,106	+674,097	.....
1901,	2	1,089,791	+54,685	.....
1902,	2	1,142,340	+52,549	+850,065

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WIRE GOODS.				
1896,	5	\$45,611	\$	\$
1897,	5	58,563	+12,952	.....
1898,	5	62,195	+3,632	.....
1899,	5	88,686	+26,491	.....
1900,	5	85,360	—3,326	.....
1901,	5	112,779	+27,419	.....
1902,	5	106,575	—6,204	+60,964
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896,	5	154,688	.....	.....
1897,	5	151,676	—3,012	.....
1898,	5	132,853	—18,823	.....
1899,	5	262,696	+129,843	.....
1900,	5	224,063	—38,633	.....
1901,	5	320,686	+96,623	.....
1902,	5	428,446	+107,760	+273,758
SCALES, ETC.				
1896,	4	79,428	.....	.....
1897,	4	83,826	+4,398	.....
1898,	4	88,225	+4,399	.....
1899,	4	111,309	+23,084	.....
1900,	4	122,333	+11,024	.....
1901,	4	126,852	+4,519	.....
1902,	4	126,498	—354	+47,070

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.				
1896,	29	\$827,732	\$	\$
1897,	29	828,386	+654	.....
1898,	29	854,999	+26,613	.....
1899,	29	1,068,385	+213,386	.....
1900,	29	1,380,451	+312,066	.....
1901,	29	1,226,571	—153,880	.....
1902,	29	1,426,055	+199,484	+598,323
BATH BOILERS, TANKS, ETC.				
1896,	2	33,394	.....	.....
1897,	2	31,163	—2,231	.....
1898,	2	30,676	—487	.....
1899,	2	44,809	+14,133	.....
1900,	2	44,391	—418	.....
1901,	2	49,704	+5,313	.....
1902,	2	51,145	+1,441	+17,751
HARDWARE SPECIALTIES.				
1896,	13	626,848	.....	.....
1897,	13	659,380	+32,532	.....
1898,	13	695,083	+35,703	.....
1899,	13	1,041,775	+346,692	.....
1900,	13	847,019	—194,756	.....
1901,	13	949,253	+102,234	.....
1902,	13	1,195,097	+245,844	+568,249

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
EDGE TOOLS.				
1896,	12	\$453,478	\$	\$
1897,	12	223,034	—230,444	.....
1898,	12	293,289	+70,255	.....
1899,	12	399,445	+106,156	.....
1900,	12	486,985	+87,540	.....
1901,	12	500,219	+13,334	.....
1902,	12	611,348	+111,129	+157,870
WRENCHES, PICKS, ETC.				
1896,	5	118,234	.....	.....
1897,	5	152,785	+34,551	.....
1898,	5	143,063	—9,722	.....
1899,	5	228,910	+85,847	.....
1900,	5	256,264	+27,354	.....
1901,	5	225,495	—30,769	.....
1902,	5	253,913	+28,418	+135,679
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	3,738,754	.....	.....
1897,	3	3,276,309	—462,445	.....
1898,	3	4,191,152	+914,843	.....
1899,	3	5,634,355	+1,443,203	.....
1900,	3	6,459,641	+825,286	.....
1901,	3	6,483,061	+23,420	.....
1902,	3	5,876,007	—607,054	+2,137,253

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WROUGHT IRON PIPE AND TUBES.				
1896,	5	\$7,973,945	\$	\$
1897,	5	7,101,673	—872,272	.....
1898,	5	8,285,486	+1,183,813	.....
1899,	5	15,485,996	+7,200,510	.....
1900,	5	12,906,404	—2,579,592	.....
1901,	5	15,141,057	+2,234,653	.....
1902,	5	15,644,780	+503,723	+7,670,835
CAST IRON PIPE.				
1896,	3	573,580	.....	.....
1897,	3	767,967	+194,387	.....
1898,	3	810,511	+42,544	.....
1899,	3	912,507	+101,996	.....
1900,	3	1,123,503	+210,996	.....
1901,	3	1,254,082	+130,579	.....
1902,	3	1,383,510	+129,428	+809,930
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	1,132,224	.....	.....
1897,	18	1,108,237	—23,987	.....
1898,	18	1,308,588	+200,351	.....
1899,	18	2,127,888	+819,300	.....
1900,	18	1,582,801	—545,087	.....
1901,	18	2,503,355	+920,554	.....
1902,	18	2,653,170	+149,815	+1,520,946

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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IRON AND STEEL BRIDGES.

1896,	7	\$2,008,501	\$	\$
1897,	7	1,731,721	—276,780
1898,	7	2,126,144	+394,423
1899,	7	3,193,878	+1,067,734	.....
1900,	7	5,544,996	+2,351,118	.....
1901,	7	3,802,840	—1,742,156	.....
1902,	7	5,035,759	+1,232,919	+3,027,258

LOCOMOTIVES, STATIONARY
ENGINES, ETC.

1896,	9	4,229,510	.....	.....
1897,	9	3,933,971	—295,539	.....
1898,	9	5,386,109	+1,452,138	.....
1899,	9	8,606,253	+3,220,144	.....
1900,	9	11,568,788	+2,962,535	.....
1901,	9	12,289,340	+720,552	.....
1902,	9	16,024,833	+3,735,493	+11,794,323

ENGINES, BOILERS, ETC.

1896,	10	1,557,093	.....	.....
1897,	10	1,325,287	—231,806	.....
1898,	10	1,514,153	+188,866	.....
1899,	10	2,331,697	+817,544	.....
1900,	10	2,480,161	+148,464	.....
1901,	10	2,489,348	+9,187	.....
1902,	10	2,934,119	+444,771	+1,377,026

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	\$2,000,778	\$	\$
1897,	10	1,662,019	—338,759	.....
1898,	10	2,375,887	+713,868	.....
1899,	10	9,904,875	+7,528,988	.....
1900,	10	17,812,587	+7,907,712	.....
1901,	10	17,785,967	—26,620	.....
1902,	10	26,101,519	+8,315,552	+24,100,741
IRON VESSELS AND ENGINES.				
1896,	3	1,923,035	.....	.....
1897,	3	2,020,859	+97,824	.....
1898,	3	2,997,076	+976,217	.....
1899,	3	5,117,337	+2,120,261	.....
1900,	3	6,705,326	+1,587,989	.....
1901,	3	5,978,086	—727,240	.....
1902,	3	6,096,543	+118,457	+4,173,508
BOILERS, TANKS, STACKS, ETC.				
1896,	21	761,415	.....	.....
1897,	21	863,908	+102,493	.....
1898,	21	1,172,463	+308,555	.....
1899,	21	1,848,563	+676,100	.....
1900,	21	2,148,536	+299,973	.....
1901,	21	2,567,205	+418,669	.....
1902,	21	2,724,397	+157,192	+1,962,982

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	\$1,741,304	\$	\$
1897,	20	1,698,519	—42,785	.....
1898,	20	2,030,334	+331,815	.....
1899,	20	3,239,736	+1,209,402	.....
1900,	20	3,607,094	+367,358	.....
1901,	20	3,825,721	+218,627	.....
1902,	20	4,308,045	+482,324	+2,556,741
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	875,986	.....	.....
1897,	25	1,049,859	+173,873	.....
1898,	25	1,263,302	+213,443	.....
1899,	25	1,925,085	+661,783	.....
1900,	25	2,036,612	+111,527	.....
1901,	25	2,080,142	+73,530	.....
1902,	25	2,973,562	+893,420	+2,097,576
FILES, ETC.				
1896,	2	95,440	.....	.....
1897,	2	92,201	—3,239	.....
1898,	2	82,739	—9,462	.....
1899,	2	105,104	+22,365	.....
1900,	2	113,699	+8,595	.....
1901,	2	118,953	+5,254	.....
1902,	2	113,206	—5,747	+17,766

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1902 as compared with 1896.
SAWS.				
1896,	3	\$37,000	\$	\$
1897,	3	26,812	—10,188	.....
1898,	3	28,087	+1,275	.....
1899,	3	31,600	+3,513	.....
1900,	3	48,071	+16,471	.....
1901,	3	44,758	—3,313	.....
1902,	3	45,450	+692	+8,450
PLUMBER SUPPLIES.				
1896,	3	*	.....	.....
1897,	3	*	.....	.....
1898,	3	*	.....	.....
1899,	3	552,190	.....	.....
1900,	3	425,043	—127,147	.....
1901,	3	485,511	+60,468	.....
1902,	3	538,990	+53,379	.....
ELECTRICAL SUPPLIES.				
1896,	4	1,337,362	.....	.....
1897,	4	1,365,199	+27,837	.....
1898,	4	2,340,407	+975,208	.....
1899,	4	3,573,084	+1,232,677	.....
1900,	4	5,375,117	+1,802,033	.....
1901,	4	5,696,529	+321,412	.....
1902,	4	7,878,231	+2,181,702	+6,540,869

*Incomplete returns.

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$313,871	\$	\$
1897,	8	276,019	—37,852	.....
1898,	8	296,298	+20,279	.....
1899,	8	465,999	+169,701	.....
1900,	8	406,234	—59,765	.....
1901,	8	541,074	+134,840	.....
1902,	8	566,982	+25,908	+253,111
SAFES AND VAULT DOORS.				
1896,	2	66,274	.....	.....
1897,	2	63,173	—3,101	.....
1898,	2	65,984	+2,811	.....
1899,	2	65,539	—445	.....
1900,	2	121,397	+55,858	.....
1901,	2	148,595	+27,198	.....
1902,	2	210,710	+72,115	+144,436
METAL AND METALLIC GOODS.				
1896,	3	47,136	.....	.....
1897,	3	50,060	+2,924	.....
1898,	3	58,176	+8,116	.....
1899,	3	82,334	+24,158	.....
1900,	3	93,877	+11,543	.....
1901,	3	99,610	+5,733	.....
1902,	3	96,487	—3,123	+49,351

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	\$522,584	\$	\$
1897,	2	686,899	+164,315	.....
1898,	2	1,241,336	+554,437	.....
1899,	2	1,227,578	—13,758	.....
1900,	2	3,053,789	+1,826,211	.....
1901,	2	3,327,881	+274,092	.....
1902,	2	3,876,417	+548,536	+3,353,833
IRON CHAINS.				
1896,	5	127,022	.....	.....
1897,	5	126,244	—778	.....
1898,	5	165,742	+39,498	.....
1899,	5	252,412	+86,670	.....
1900,	5	239,225	—13,187	.....
1901,	5	239,113	—112	.....
1902,	5	514,757	+275,644	+387,735
IRON FENCES AND RAILINGS.				
1896,	7	47,937	.....	.....
1897,	7	58,623	+10,686	.....
1898,	7	81,971	+23,348	.....
1899,	7	133,235	+51,264	.....
1900,	7	157,497	+24,262	.....
1901,	7	206,195	+48,698	.....
1902,	7	361,896	+155,701	+313,959

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	\$1,017,831	\$	\$
1897,	11	1,013,708	—4,123
1898,	11	1,157,677	+143,969
1899,	11	1,359,029	+201,352	.....
1900,	11	1,463,445	+104,416	.....
1901,	11	1,488,431	+24,986	.....
1902,	11	1,703,661	+215,230	+685,830

STEAM PUMPS.

1896,	2	146,725	.....	.....
1897,	2	127,524	—19,201	.....
1898,	2	123,813	—3,711	.....
1899,	2	176,738	+52,925	.....
1900,	2	200,479	+23,741	.....
1901,	2	178,558	—21,921	.....
1902,	2	179,773	+1,215	+33,048

BICYCLES.

1896,	3	364,789	.....	.....
1897,	3	461,607	+96,818	.....
1898,	3	455,452	—6,155	.....
1899,	3	308,541	—146,911	.....
1900,	3	244,612	—63,929	.....
1901,	3	139,241	—105,371	.....
1902,	2	102,523	—36,718	—262,266

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	\$32,563	\$	\$
1897,	2	37,083	+4,520
1898,	2	57,843	+20,760
1899,	2	59,162	+1,319
1900,	2	79,526	+20,364	.....
1901,	2	83,646	+4,120	.....
1902,	2	82,761	—885	+50,198

TINWARE.

1896,	5	218,233	.....	.....
1897,	5	216,243	—1,990	.....
1898,	5	217,433	+1,190	.....
1899,	5	272,376	+54,943	.....
1900,	5	290,940	+18,564	.....
1901,	5	337,778	+46,838	.....
1902,	5	471,267	+133,489	+253,034

PAPER MANUFACTORIES.

1896,	8	1,583,061	.....	.....
1897,	8	1,451,820	—131,241	.....
1898,	8	1,486,541	+34,721	.....
1899,	8	1,739,547	+253,006	.....
1900,	8	1,748,551	+9,004	.....
1901,	8	1,776,599	+28,048	.....
1902,	8	2,013,740	+237,141	+430,679

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	\$356,658	\$	\$
1897,	3	389,158	+32,500
1898,	3	479,750	+90,592
1899,	3	517,300	+37,550
1900,	3	495,111	—22,189	.....
1901,	3	550,626	+55,515	.....
1902,	3	554,664	+4,038	+198,006

CIGARS.

1896,	46	2,703,269	.....	.....
1897,	46	3,274,003	+570,734	.....
1898,	46	3,654,579	+380,576	.....
1899,	46	3,797,460	+142,881	.....
1900,	46	4,033,899	+236,439	.....
1901,	46	3,965,446	—68,453	.....
1902,	46	3,781,362	—184,084	+1,078,093

BOOK BINDING.

1896,	3	62,699	.....	.....
1897,	3	62,018	—681	.....
1898,	3	65,522	+3,504	.....
1899,	3	77,379	+11,857	.....
1900,	3	83,716	+6,337	.....
1901,	3	95,214	+11,498	.....
1902,	3	88,885	—6,329	+26,186

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE, ROPE AND TWINE.				
1896,	5	\$3,362,991	\$	\$
1897,	5	3,484,048	+121,057	.....
1898,	5	3,524,381	+40,333	.....
1899,	5	4,509,784	+985,403	.....
1900,	5	5,340,848	+831,064	.....
1901,	5	5,676,078	+335,230	.....
1902,	5	5,729,169	+53,091	+2,366,178
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	921,157	.....	.....
1897,	26	946,382	+25,225	.....
1898,	26	1,020,438	+74,056	.....
1899,	26	1,102,962	+82,524	.....
1900,	26	1,206,737	+103,775	.....
1901,	26	1,130,937	—75,800	.....
1902,	26	1,225,052	+94,115	+303,895
POTTERY.				
1896,	2	68,215	.....	.....
1897,	2	56,290	—11,925	.....
1898,	2	56,589	+299	.....
1899,	2	54,604	—1,985	.....
1900,	2	64,561	+9,957	.....
1901,	2	72,323	+7,762	.....
1902,	2	45,785	—26,538	—22,430

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	\$32,949	\$	\$
1897,	7	25,156	—7,793	.....
1898,	7	23,113	—2,043	.....
1899,	7	33,506	+10,393	.....
1900,	7	72,534	+39,028	.....
1901,	7	37,076	—35,458	.....
1902,	7	63,044	+25,968	+30,095
BUILDING BRICK.				
1896,	33	170,663	.....	.....
1897,	33	164,881	—5,782	.....
1898,	33	171,431	+6,550	.....
1899,	33	177,834	+6,403	.....
1900,	33	161,296	—16,538	.....
1901,	33	180,064	+18,768	.....
1902,	33	197,242	+17,178	+26,579
FIRE BRICK.				
1896,	17	423,138	.....	.....
1897,	17	382,434	—40,704	.....
1898,	17	418,484	+36,050	.....
1899,	17	552,972	+134,488	.....
1900,	17	790,260	+237,288	.....
1901,	17	724,698	—65,562	.....
1902,	17	901,460	+176,762	+478,322

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TONNAGE.				
1896,	6	\$32,540	\$	\$
1897,	6	36,721	+4,181	.....
1898,	6	32,421	—4,300	.....
1899,	6	31,861	—560	.....
1900,	6	28,146	—3,715	.....
1901,	6	42,098	+13,952	.....
1902,	6	85,345	+43,247	+52,805
SLATE ROOFING, ETC., SQUARES.				
1896,	14	55,722	.....	.....
1897,	14	66,448	+10,726	.....
1898,	14	69,499	+3,051	.....
1899,	14	80,325	+10,826	.....
1900,	14	69,280	—11,045	.....
1901,	14	86,468	+17,188	.....
1902,	14	89,997	+3,529	+34,275
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	1,489,593	.....	.....
1897,	21	1,619,597	+130,004	.....
1898,	21	1,580,880	—38,717	.....
1899,	21	1,983,606	+402,726	.....
1900,	21	2,041,178	+57,572	.....
1901,	21	1,784,703	—256,475	.....
1902,	21	2,055,266	+270,563	+565,673

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
GLAZED AND CHROME KID.				
1896,	7	\$5,635,016	\$	\$
1897,	7	7,036,904	+1,401,888	.....
1898,	7	8,092,540	+1,055,636	.....
1899,	7	11,007,875	+2,915,335	.....
1900,	7	9,330,221	—1,677,654	.....
1901,	7	9,553,784	+223,563	.....
1902,	7	8,585,937	—967,847	+ 2,950,921
MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.				
1896,	14	2,436,811	.....	.....
1897,	14	2,686,589	+249,778	.....
1898,	14	2,888,607	+202,018	.....
1899,	14	2,832,005	—56,602	.....
1900,	14	2,872,097	+40,092	.....
1901,	14	3,109,286	+237,189	.....
1902,	14	3,332,897	+223,611	+896,086
SUSPENDERS.				
1896,	2	200,936	.....	.....
1897,	2	233,500	+32,564	.....
1898,	2	245,000	+11,500	.....
1899,	2	315,000	+70,000	.....
1900,	2	440,000	+125,000	.....
1901,	2	476,000	+36,000	.....
1902,	2	530,500	+54,500	+329,564

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease(—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
HATS AND CAPS.				
1896,	3	\$284,490	\$	\$
1897,	3	418,877	+134,387	.....
1898,	3	377,205	—41,672	.....
1899,	3	433,669	+56,464	.....
1900,	3	508,555	+74,886	.....
1901,	3	467,440	—41,115	.....
1902,	3	467,420	—20	+182,930
FUR AND FELT HATS.				
1896,	4	443,621	.....	.....
1897,	4	476,658	+33,037	.....
1898,	4	494,817	+18,159	.....
1899,	4	593,645	+98,828	.....
1900,	4	729,924	+136,279	.....
1901,	4	873,632	+143,708	.....
1902,	4	916,226	+42,594	+472,605
WOOL HATS.				
1896,	7	270,432	.....	.....
1897,	7	343,808	+73,376	.....
1898,	7	314,029	—29,779	.....
1899,	7	333,533	+19,504	.....
1900,	7	471,032	+137,499	.....
1901,	7	386,829	—84,203	.....
1902,	7	395,388	+8,559	+124,956

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	\$656,219	\$	\$
1897,	4	708,157	+51,938	.....
1898,	4	754,090	+45,933	.....
1899,	4	694,246	—59,844	.....
1900,	4	769,178	+74,932	.....
1901,	4	907,717	+138,539	.....
1902,	4	822,288	—85,429	+166,069
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	536,719	.....	.....
1897,	8	685,631	+148,912	.....
1898,	8	876,508	+190,877	.....
1899,	8	912,697	+36,189	.....
1900,	8	1,029,684	+116,987	.....
1901,	8	958,843	—70,841	.....
1902,	8	998,933	+40,090	+462,214
SHIRTS AND SHIRT WAISTS.				
1896,	9	984,847	.....	.....
1897,	9	974,269	—10,578	.....
1898,	9	1,143,081	+168,812	.....
1899,	9	1,342,360	+199,279	.....
1900,	9	1,411,543	+69,183	.....
1901,	9	1,403,516	—8,027	.....
1902,	9	1,562,083	+158,567	+577,236

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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NECKWEAR.

1896,	3	\$217,642	\$	\$
1897,	3	200,833	—16,809
1898,	3	214,342	+13,509
1899,	3	261,882	+47,540
1900,	3	247,396	—14,486	.....
1901,	3	222,189	—25,207	.....
1902,	3	202,910	—19,279	—14,732

COTTON AND WOOLEN CLOTHS.

1896,	23	2,859,386	.....	.....
1897,	23	3,716,507	+857,121	.....
1898,	23	3,717,019	+512	.....
1899,	23	4,683,367	+966,348	.....
1900,	23	4,349,160	—334,207	.....
1901,	23	4,332,102	—17,058	.....
1902,	23	5,334,552	+1,002,450	+2,475,166

CARPETS.

1896,	17	2,131,394	.....	.....
1897,	17	2,765,114	+633,720	.....
1898,	17	2,850,838	+85,724	.....
1899,	17	3,494,859	+644,021	.....
1900,	17	3,512,455	+17,596	.....
1901,	17	3,882,593	+370,138	.....
1902,	17	4,299,045	+416,452	+2,167,651

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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COTTON GOODS.

1896,	16	\$1,442,767	\$	\$
1897,	16	1,498,814	+56,047
1898,	16	1,478,396	—20,418
1899,	16	1,708,151	+229,755
1900,	16	1,813,000	+104,849	.....
1901,	16	1,863,117	+50,117	.....
1902,	16	1,842,545	—20,572	+399,778

WOOLEN AND WORSTED CASSIMERES.

1896,	10	1,009,246	.....	.....
1897,	10	1,410,509	+401,263	.....
1898,	10	1,554,426	+143,917	.....
1899,	10	2,023,438	+469,012	.....
1900,	10	1,728,005	—295,433	.....
1901,	10	1,991,761	+263,756	.....
1902,	10	2,222,242	+230,481	+1,212,996

WOOLEN AND WORSTED FABRICS.

1896,	15	2,009,245	.....	.....
1897,	15	2,894,188	+884,943	.....
1898,	15	3,000,013	+105,825	.....
1899,	15	3,506,232	+506,219	.....
1900,	15	4,071,919	+565,687	.....
1901,	15	3,671,060	—400,859	.....
1902,	15	4,504,994	+833,934	+2,495,749

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
1896,	12	\$1,211,445	\$	\$
1897,	12	2,111,958	+900,513	.....
1898,	12	1,994,012	—117,946	.....
1899,	12	2,636,300	+642,288	.....
1900,	12	2,370,290	—266,010	.....
1901,	12	2,999,031	+628,741	.....
1902,	12	3,214,382	+215,351	+2,002,937
RUGS, YARNS, ETC.				
1896,	5	1,954,855	.....	.....
1897,	5	1,909,431	—45,424	.....
1898,	5	1,741,967	—167,464	.....
1899,	5	1,937,653	+195,686	.....
1900,	5	2,059,524	+121,871	.....
1901,	5	2,047,869	—11,655	.....
1902,	5	2,503,693	+455,824	+548,838
CARPET YARNS.				
1896,	11	839,240	.....	.....
1897,	11	1,278,068	+438,828	.....
1898,	11	946,871	—331,197	.....
1899,	11	1,251,831	+304,960	.....
1900,	11	1,188,499	—63,332	.....
1901,	11	1,249,013	+60,514	.....
1901,	11	1,382,872	+133,859	+543,632

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Basic material.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$760,547	\$	\$
1897,	7	754,701	—5,846	.....
1898,	7	759,380	+4,679	.....
1899,	7	798,654	+39,274	.....
1900,	7	987,430	+188,776	.....
1901,	7	837,474	—149,956	.....
1902,	7	839,150	+1,676	+78,603
WORSTED, WOOLEN AND COTTON YARNS.				
1896,	9	1,214,221	.....	.....
1897,	9	1,784,607	+570,386	.....
1898,	9	1,567,273	—217,334	.....
1899,	9	2,237,993	+670,720	.....
1900,	9	2,580,330	+342,337	.....
1901,	9	2,482,402	—97,928	.....
1902,	9	2,944,033	+461,631	+1,729,812
WOOLEN BLANKETS, FLANNELS, ETC.				
1896,	5	620,465	.....	.....
1897,	5	638,333	+17,868	.....
1898,	5	1,133,808	+495,475	.....
1899,	5	815,512	—318,296	.....
1900,	5	737,822	—77,690	.....
1901,	5	887,731	+149,909	.....
1902,	5	1,045,694	+157,963	+425,229

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	\$190,499	\$	\$
1897,	3	252,059	+61,560	.....
1898,	3	290,322	+38,263	.....
1899,	3	350,185	+59,863	.....
1900,	3	384,509	+34,324	.....
1901,	3	438,178	+53,669	.....
1902,	3	415,222	-22,956	+224,723
CHENILLE GOODS.				
1896,	3	297,395	.....	.....
1897,	3	329,695	+32,300	.....
1898,	3	356,595	+26,900	.....
1899,	3	365,058	+8,463	.....
1900,	3	401,696	+36,638	.....
1901,	3	426,241	+24,545	.....
1902,	3	447,700	+21,459	+150,305
UPHOLSTERY GOODS.				
1896,	8	1,328,222	.....	.....
1897,	8	1,401,496	+73,274	.....
1898,	8	1,542,563	+141,067	.....
1899,	8	1,652,814	+110,251	.....
1900,	8	1,417,319	-235,495	.....
1901,	8	1,407,851	-9,468	.....
1902,	8	1,703,492	+295,641	+375,270

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	\$1,759,305	\$	\$
1897,	13	1,925,739	+166,434	.....
1898,	13	2,058,746	+133,007	.....
1899,	13	2,215,033	+156,287	.....
1900,	13	2,926,399	+711,366	.....
1901,	13	2,537,073	—389,326	.....
1902,	13	2,592,816	+55,743	+833,511
HOSIERY.				
1896,	31	1,626,945	.....	.....
1897,	31	2,117,807	+490,862	.....
1898,	31	2,312,556	+194,749	.....
1899,	31	2,306,461	—6,095	.....
1900,	31	2,634,225	+327,764	.....
1901,	31	2,737,834	+103,609	.....
1902,	31	2,860,703	+122,869	+1,233,758
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	2,273,478	.....	.....
1897,	5	3,264,490	+991,012	.....
1898,	5	3,680,921	+416,431	.....
1899,	5	4,619,634	+938,713	.....
1900,	5	4,546,170	—73,464	.....
1901,	5	3,628,140	—918,030	.....
1902,	5	4,707,632	+1,079,492	+2,434,154

BASIC MATERIAL—Continued.

COMPARISON OF AGGREGATE COST OF BASIC MATERIAL—SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Basic material.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
1896,	2	\$700,000	\$	\$
1897,	2	1,000,000	+300,000	.....
1898,	2	1,200,000	+200,000	.....
1899,	2	1,315,000	+115,000	.....
1900,	2	1,128,292	—186,708	.....
1901,	2	1,202,479	+74,187	.....
1902,	2	1,581,158	+378,679	+881,158
SILK—RIBBONS.				
1896,	4	309,883	.....	.....
1897,	4	459,658	+149,775	.....
1898,	4	514,851	+55,193	.....
1899,	4	517,973	+3,122	.....
1900,	4	478,708	—39,265	.....
1901,	4	676,037	+197,329	.....
1902,	4	1,075,142	+399,105	+765,259

DAYS IN OPERATION.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Note.—In this table the average number of days of employment by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

1896,	7	290
1897,	7	310	+20
1898,	7	310
1899,	7	302	—8
1900,	7	307	+5
1901,	7	302	—5
1902,	7	303	+1	+13

STEEL BILLETS, SLABS,
BLOOMS, ETC.

1896,	4	204	.....	.....
1897,	4	291	+87	.....
1898,	4	286	—5	.....
1899,	4	295	+9	.....
1900,	4	246	—49	.....
1901,	4	290	+44	.....
1902,	4	291	+1	+87

TOOL STEEL.

1896,	3	267	.....	.....
1897,	3	242	—25	.....
1898,	3	311	+69	.....

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
TOOL STEEL—Continued.				
1899,	3	291	—20	.....
1900,	3	292	+1	.....
1901,	3	295	+3	.....
1902,	3	300	+5	+33
IRON AND STEEL FORGINGS.				
1896,	7	256	.....	.....
1897,	7	281	+25	.....
1898,	7	293	+12	.....
1899,	7	300	+7	.....
1900,	7	292	—8	.....
1901,	7	278	—14	.....
1902,	7	290	+12	+34
IRON SPECIALTIES.				
1896,	2	301	.....	.....
1897,	2	301	.....	.....
1898,	2	301	.....	.....
1899,	2	301	.....	.....
1900,	2	301	.....	.....
1901,	2	301	.....	.....
1902,	2	300	—1	—1
MALLEABLE IRON.				
1896,	4	292	.....	.....
1897,	4	292	.....	.....
1898,	4	298	+6	.....

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
MALLEABLE IRON—Continued..				
1899,	4	298	.....	.....
1900,	4	291	—7	.....
1901,	4	286	—5	.....
1902,	4	299	+13	+7
BOLTS, NUTS, ETC.				
1896,	7	240	.....	.....
1897,	7	257	+17	.....
1898,	7	270	+13	.....
1899,	7	298	+28	.....
1900,	7	299	+1	.....
1901,	7	307	+8	.....
1902,	7	309	+2	+69
WIRE NAILS, RIVETS, ETC.				
1896,	4	241	.....	.....
1897,	4	250	+9	.....
1898,	4	189	—61	.....
1899,	4	142	—47	.....
1900,	4	116	—26	.....
1901,	4	301	+185	.....
1902,	4	295	—6	+54
TACKS AND SMALL NAILS.				
1896,	4	226	.....	.....
1897,	4	209	—17	.....
1898,	4	248	+39	.....

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.

—Continued.

1899,	4	280	+32
1900,	4	253	—27
1901,	4	280	+27
1902,	4	254	—26	+28

WIRE.

1896,	5	285	.....	.....
1897,	5	265	—20	.....
1898,	5	319	+54	.....
1899,	5	323	+4	.....
1900,	5	301	—22	.....
1901,	5	302	+1	.....
1902,	5	299	—3	+14

WIRE ROPE.

1896,	2	302	.....	.....
1897,	2	303	+1	.....
1898,	2	303	.....	.....
1899,	2	304	+1	.....
1900,	2	306	+2	.....
1901,	2	308	+2	.....
1902,	2	307	—1	+5

WIRE GOODS.

1896,	5	296	.....	.....
1897,	5	300	+4	.....
1898,	5	301	+1	.....

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WIRE GOODS.—Continued.

1899,	5	301
1900,	5	301
1901,	5	294	—7
1902,	5	279	—15	—17

WAGON AND CARRIAGE AXLES AND SPRINGS.

1896,	5	255	.....	.....
1897,	5	277	+22	.....
1898,	5	292	+15	.....
1899,	5	286	—6	.....
1900,	5	279	—7	.....
1901,	5	284	+5	.....
1902,	5	284	.....	+29

SCALES, ETC.

1896,	4	276	.....	.....
1897,	4	285	+9	.....
1898,	4	298	+13	.....
1899,	4	302	+4	.....
1900,	4	298	—4	.....
1901,	4	293	—5	.....
1902,	4	293	.....	+17

STOVES, RANGES, HEATERS, ETC.

1896,	29	210	.....	.....
1897,	29	229	+19	.....

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.—Continued.				
1898,	29	238	+9	.....
1899,	29	255	+17	.....
1900,	29	246	—9	.....
1901,	29	254	+8	.....
1902,	29	261	+7	+51
BATH BOILERS, TANKS, ETC.				
1896,	2	309	.....	.....
1897,	2	305	—4	.....
1898,	2	302	—3	.....
1899,	2	304	+2	.....
1900,	2	308	+4	.....
1901,	2	304	—4	.....
1902,	2	305	+1	—4
HARDWARE SPECIALTIES.				
1896,	13	264	.....	.....
1897,	13	273	+9	.....
1898,	13	258	—15	.....
1899,	13	281	+23	.....
1900,	13	252	—29	.....
1901,	13	298	+46	.....
1902,	13	298	.....	+34

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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EDGE TOOLS.

1896,	12	246
1897,	12	227	—19
1898,	12	291	+64
1899,	12	294	+3
1900,	12	297	+3
1901,	12	297
1902,	12	299	+2	—53

WRENCHES, PICKS, ETC.

1896,	5	240	.....	.....
1897,	5	266	+26	.....
1898,	5	283	+17	.....
1899,	5	293	+10	.....
1900,	5	280	—13	.....
1901,	5	281	+1	.....
1902,	5	283	+2	+43

LOCOMOTIVES AND CARS BUILT AND REPAIRED.

1896,	3	273	.....	.....
1897,	3	282	+9	.....
1898,	3	296	+14	.....
1899,	3	304	+8	.....
1900,	3	303	—1	.....
1901,	3	304	+1	.....
1902,	3	303	—1	+30

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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WROUGHT IRON PIPE AND
TUBES.

1896,	5	283
1897,	5	298	+15
1898,	5	303	+5
1899,	5	269	-34
1900,	5	266	-3
1901,	5	284	+18	.....
1902,	5	220	-64	-63

CAST IRON PIPE.

1896,	3	303	.....	.....
1897,	3	302	-1	.....
1898,	3	296	-6	.....
1899,	3	252	-44	.....
1900,	3	306	+54	.....
1901,	3	315	+9	.....
1902,	3	313	-2	+10

BRASS, COPPER AND BRONZE
GOODS.

1896,	18	295	.....	.....
1897,	18	294	-1	.....
1898,	18	297	+3	.....
1899,	18	303	+6	.....
1900,	18	299	-4	.....
1901,	18	305	+6	.....
1902,	18	303	-2	+8

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
IRON AND STEEL BRIDGES.				
1896,	7	294	.....	.....
1897,	7	298	+4	.....
1898,	7	302	+4	.....
1899,	7	280	-22	.....
1900,	7	301	+21	.....
1901,	7	309	+8	.....
1902,	7	310	+1	+16
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	306	.....	.....
1897,	9	306	.....	.....
1898,	9	305	-1	.....
1899,	9	307	+2	.....
1900,	9	307	.....	.....
1901,	9	303	-4	.....
1902,	9	308	+5	+2
ENGINES, BOILERS, ETC.				
1896,	10	295	.....	.....
1897,	10	294	-1	.....
1898,	10	304	+10	.....
1899,	10	301	-3	.....
1900,	10	306	+5	.....
1901,	10	303	-3	.....
1902,	10	299	-4	+4

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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CAR SPRINGS, AXLES AND RAILWAY SUPPLIES.

1896,	10	257
1897,	10	278	+21
1898,	10	294	+16
1899,	10	310	+16	.....
1900,	10	311	+1	.....
1901,	10	308	—3	.....
1902,	10	308	.....	+51

IRON VESSELS AND ENGINES.

1896,	3	306	.....	.....
1897,	3	305	—1	.....
1898,	3	304	—1	.....
1899,	3	296	—8	.....
1900,	3	292	—4	.....
1901,	3	330	+38	.....
1902,	3	325	—5	+19

BOILERS, TANKS, STACKS, ETC.

1896,	21	286	.....	.....
1897,	21	285	—1	.....
1898,	21	291	+6	.....
1899,	21	304	+13	.....
1900,	21	305	+1	.....
1901,	21	298	—7	.....
1902,	21	300	+2	+14

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease(−) as compared with the preceding year.	Increase(+) or decrease(−) 1902 as compared with 1896.
MACHINERY.				
1896,	20	301	.....	.....
1897,	20	309	+8	.....
1898,	20	300	−9	.....
1899,	20	302	+2	.....
1900,	20	302	.....	.....
1901,	20	307	+5	.....
1902,	20	298	−9	−3
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	286	.....	.....
1897,	25	295	+9	.....
1898,	25	296	+1	.....
1899,	25	304	+8	.....
1900,	25	300	−4	.....
1901,	25	303	+3	.....
1902,	25	305	+2	+19
FILES, ETC.				
1896,	2	275	.....	.....
1897,	2	266	−9	.....
1898,	2	278	+12	.....
1899,	2	302	+24	.....
1900,	2	295	−7	.....
1901,	2	288	−7	.....
1902,	2	302	+14	+27

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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SAWS.

1896,	3	229
1897,	3	210	—19
1898,	3	244	+34
1899,	3	250	+6
1900,	3	281	+31
1901,	3	288	+7
1902,	3	295	+7	+66

PLUMBER SUPPLIES.

1896,	3	281	.....	.....
1897,	3	269	—12	.....
1898,	3	290	+21	.....
1899,	3	312	+22	.....
1900,	3	312	.....	.....
1901,	3	332	+20	.....
1902,	3	321	—11	+40

ELECTRICAL SUPPLIES.

1896,	4	289	.....	.....
1897,	4	297	+8	.....
1898,	4	301	+4	.....
1899,	4	302	+1	.....
1900,	4	296	—6	.....
1901,	4	300	+4	.....
1902,	4	301	+1	+12

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	210	.....	.....
1897,	8	219	+9	.....
1898,	8	246	+27	.....
1899,	8	281	+35	.....
1900,	8	253	—28	.. ...
1901,	8	283	+30	.....
1902,	8	283	.....	+73
SAFES AND VAULT DOORS.				
1896,	2	307	.....	.....
1897,	2	301	—6	.....
1898,	2	298	—3	.....
1899,	2	294	—4	.....
1900,	2	290	—4	.....
1901,	2	303	+13	.....
1902,	2	304	+1	—3
METAL AND METALLIC GOODS.				
1896,	3	234	.....	.....
1897,	3	258	+24	.....
1898,	3	255	—3	.....
1899,	3	265	+10	.....
1900,	3	275	+10	.....
1901,	3	294	+19	.....
1902,	3	287	—7	+53

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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BUILDING AND STRUCTURAL
IRON WORK.

1896,	2	301
1897,	2	302	+1
1898,	2	307	+5
1899,	2	305	—2
1900,	2	306	+1	.....
1901,	2	306	.....	.....
1902,	2	306	.....	+5

IRON CHAINS.

1896,	5	264	.....	.....
1897,	5	272	+8	.....
1898,	5	298	+26	.....
1899,	5	296	—2	.....
1900,	5	252	—44	.....
1901,	5	290	+38	.....
1902,	5	274	—16	+10

IRON FENCES AND RAILINGS.

1896,	7	293	.....	.....
1897,	7	298	+5	.....
1898,	7	305	+7	.....
1899,	7	303	—2	.....
1900,	7	305	+2	.....
1901,	7	306	+1	.....
1902,	7	307	+1	+14

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	287
1897,	11	293	+6
1898,	11	300	+7
1899,	11	298	—2
1900,	11	299	+1	.....
1901,	11	302	+3	.....
1902,	11	300	—2	+13

STEAM PUMPS.

1896,	2	307	.....	.....
1897,	2	307	.....	.....
1898,	2	304	—3	.....
1899,	2	301	—3	.....
1900,	2	301	.....	.....
1901,	2	302	+1	.....
1902,	2	302	.....	—5

BICYCLES.

1896,	3	268	.....	.....
1897,	3	280	+12	.....
1898,	3	277	—3	.....
1899,	3	275	—2	.....
1900,	3	236	—39	.....
1901,	3	274	+38	.....
1902,	2	194	—80	—74

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	271
1897,	2	292	+21
1898,	2	294	+2
1899,	2	293	—1
1900,	2	292	—1
1901,	2	296	+4
1902,	2	297	+1	+26

TINWARE.

1896,	5	301	.....	.....
1897,	5	301	.....	.....
1898,	5	300	—1	.....
1899,	5	301	+1	.....
1900,	5	300	—1	.....
1901,	5	272	—28	.....
1902,	5	302	+30	+1

PAPER MANUFACTORIES.

1896,	8	262	.....	.....
1897,	8	277	+15	.....
1898,	8	283	+6	.....
1899,	8	284	+1	.....
1900,	8	297	+13	.....
1901,	8	293	—4	.....
1902,	8	290	—3	+28

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	254
1897,	3	281	+27
1898,	3	282	+1
1899,	3	280	—2
1900,	3	290	+10
1901,	3	289	—1
1902,	3	290	+1	+36

CIGARS.

1896,	46	287	.....	.....
1897,	46	291	+4	.....
1898,	46	293	+2	.....
1899,	46	295	+2	.....
1900,	46	296	+1	.....
1901,	46	294	—2	.....
1902,	46	294	.....	+7

BOOK BINDING.

1896,	3	301	.....	.....
1897,	3	280	—21	.....
1898,	3	283	+3	.....
1899,	3	280	—3	.....
1900,	3	288	+8	.....
1901,	3	290	+2	.....
1902,	3	279	—11	—22

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CORDAGE ROPE AND TWINE.				
1896,	5	288	.....	.....
1897,	5	317	+29	.....
1898,	5	312	—5	.....
1899,	5	312	.....	.....
1900,	5	300	—12	.....
1901,	5	300	.....	.....
1902,	5	296	—4	+8
PAPER, PAPER BOXES, EN- VELOPES, ETC.				
1896,	26	297	.....	.....
1897,	26	301	+4	.....
1898,	26	302	+1	.....
1899,	26	303	+1	.....
1900,	26	300	—3	.....
1901,	26	301	+1	.....
1902,	26	297	—4	.....
POTTERY.				
1896,	2	302	.....	.....
1897,	2	287	—15	.....
1898,	2	291	+4	.....
1899,	2	298	+7	.....
1900,	2	288	—10	.....
1901,	2	304	+16	.....
1902,	2	303	—1	+1

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	255	.....	.....
1897,	7	247	—8	.....
1898,	7	246	—1	.....
1899,	7	230	—16	.....
1900,	7	270	+40	.....
1901,	7	234	—36	.....
1902,	7	253	+19	—2
BUILDING BRICK.				
1896,	33	233	.....	.....
1897,	33	231	—2	.....
1898,	33	225	—6	.....
1899,	33	225	.....	.....
1900,	33	221	—4	.....
1901,	33	231	+10	.....
1902,	33	231	.....	—2
FIRE BRICK.				
1896,	17	283	.....	.....
1897,	17	281	—2	.....
1898,	17	243	—38	.....
1899,	17	249	+6	.....
1900,	17	300	+51	.....
1901,	17	298	—2	.....
1902,	17	297	—1	+14

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TONNAGE.				
1896,	6	229	.....	.....
1897,	6	226	—3	.....
1898,	6	245	+19	.....
1899,	6	236	—9	.....
1900,	6	255	+19	.....
1901,	6	268	+13	.....
1902,	6	251	—17	+22
SLATE ROOFING, ETC., SQUARES.				
1896,	14	238	.....	.....
1897,	14	239	+1	.....
1898,	14	177	—62	.....
1899,	14	245	+68	.....
1900,	14	244	—1	.....
1901,	14	254	+10	.....
1902,	14	255	+1	+17
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	240	.....	.....
1897,	21	265	+25	.....
1898,	21	276	+11	.....
1899,	21	283	+7	.....
1900,	21	265	—18	.....
1901,	21	256	—9	.....
1902,	21	267	+11	+27

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION BY SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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GLAZED AND CHROME KID.

1896,	7	299
1897,	7	301	+2
1898,	7	298	—3
1899,	7	300	+2
1900,	7	270	—30
1901,	7	298	+28	.....
1902,	7	282	—16	—17

MEN'S. WOMEN'S, MISSES' AND CHILDREN'S SHOES.

1896,	14	281	.....	.....
1897,	14	294	+13	.....
1898,	14	292	—2	.....
1899,	14	293	+1	.....
1900,	14	295	+2	.....
1901,	14	299	+4	.....
1902,	14	295	—4	+14

SUSPENDERS.

1896,	2	295	.....	.....
1897,	2	403	+108	.....
1898,	2	297	—106	.....
1899,	2	299	+2	.....
1900,	2	298	—1	.....
1901,	2	298	.....	.....
1902,	2	297	—1	+2

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION BY SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	284
1897,	3	289	+5
1898,	3	286	—3
1899,	3	283	—3
1900,	3	282	—1
1901,	3	287	+5
1902,	3	282	—5	—2

FUR AND FELT HATS.

1896,	4	307	.....	.....
1897,	4	308	+1	.....
1898,	4	307	—1	.....
1899,	4	309	+2	.....
1900,	4	309	.....	.....
1901,	4	308	—1	.....
1902,	4	309	+1	+2

WOOL HATS.

1896,	7	274	.....	.....
1897,	7	260	—14	.....
1898,	7	279	+19	.....
1899,	7	266	—13	.....
1900,	7	294	+28	.....
1901,	7	282	—12	.....
1902,	7	286	+4	+12

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	307	.....	.....
1897,	4	307	.....	.....
1898,	4	308	+1	.....
1899,	4	308	.....	.....
1900,	4	306	—2	.....
1901,	4	306	.....	.....
1902,	4	306	.....	—1
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	287	.....	.....
1897,	8	295	+8	.....
1898,	8	298	+3	.....
1899,	8	301	+3	.....
1900,	8	302	+1	.....
1901,	8	292	—10	.....
1902,	8	292	.....	+5
SHIRTS AND SHIRT WAISTS.				
1896,	9	286	.....	.....
1897,	9	298	+12	.....
1898,	9	298	.....	.....
1899,	9	298	.....	.....
1900,	9	299	+1	.....
1901,	9	299	.....	.....
1902,	9	297	—2	+11

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease(—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
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NECKWEAR.

1896,	3	308
1897,	3	306	—2
1898,	3	308	+2
1899,	3	308
1900,	3	308
1901,	3	308
1902,	3	308

COTTON AND WOOLEN CLOTHS.

1896,	23	269	.....	.....
1897,	23	286	+17	.....
1898,	23	267	—19	.....
1899,	23	272	+5	.....
1900,	23	277	+5	.....
1901,	23	280	+3	.....
1902,	23	299	+19	+30

CARPETS.

1896,	17	264	.....	.....
1897,	17	292	+28	.....
1898,	17	292	.....	.....
1899,	17	302	+10	.....
1900,	17	297	—5	.....
1901,	17	298	+1	.....
1902,	17	299	+1	+35

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION BY SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	262	.....	.....
1897,	16	279	+17	.....
1898,	16	290	+11	.....
1899,	16	296	+6	.....
1900,	16	290	—6	.....
1901,	16	287	—3	.....
1902,	16	297	+10	+36
WOOLEN AND WORSTED CASSIMERES.				
1896,	10	269	.....	.....
1897,	10	276	+7	.....
1898,	10	263	—13	.....
1899,	10	280	+17	.....
1900,	10	290	+10	.....
1901,	10	278	—12	.....
1902,	10	284	+6	+15
WOOLEN AND WORSTED FABRICS.				
1896,	15	247	.....	.....
1897,	15	289	+42	.....
1898,	15	288	—1	.....
1899,	15	298	+10	.....
1900,	15	294	—4	.....
1901,	15	294	.....	.....
1902,	15	301	+7	+54

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WOOLEN AND WORSTED YARNS.

1896,	12	248
1897,	12	290	+42
1898,	12	289	—1
1899,	12	291	+2
1900,	12	279	—12	.....
1901,	12	292	+13	.....
1902,	11	299	+7	+51

RUGS, YARNS, ETC.

1896,	5	256	.....	.....
1897,	5	270	+14	.....
1898,	5	277	+7	.....
1899,	5	285	+8	.....
1900,	5	292	+7	.....
1901,	5	279	—13	.....
1902,	5	277	—2	+21

CARPET YARNS.

1896,	11	265	.....	.....
1897,	11	298	+33	.....
1898,	11	266	—32	.....
1899,	11	299	+33	.....
1900,	11	277	—22	.....
1901,	11	291	+14	.....
1902,	11	299	+8	+34

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average number of days in operation.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	265	.....	.....
1897,	7	275	+10	.....
1898,	7	294	+19	.....
1899,	7	290	—4	.....
1900,	7	295	+5	.....
1901,	7	285	—10	.....
1902,	7	279	—6	+14
WORSTED, WOOLEN AND COTTON YARNS.				
1896,	9	238	.....	.....
1897,	9	275	+37	.....
1898,	9	230	—45	.....
1899,	9	267	+37	.....
1900,	9	295	+28	.....
1901,	9	291	—4	.....
1902,	9	294	+3	+56
WOOLEN BLANKETS, FLANNELS, ETC.				
1896,	5	304	.....	.....
1897,	5	301	—3	.....
1898,	5	351	+50	.....
1899,	5	279	—72	.....
1900,	5	303	+24	.....
1901,	5	291	—12	.....
1902,	5	298	+7	—6

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	274	.....	.....
1897,	3	296	+22	.....
1898,	3	307	+11	.....
1899,	3	305	—2	.....
1900,	3	303	—2	.....
1901,	3	302	—1	.....
1902,	3	270	—32	+4
CHENILLE GOODS.				
1896,	3	279	.....	.....
1897,	3	300	+21	.....
1898,	3	300	.....	.....
1899,	3	300	.....	.....
1900,	3	301	+1	.....
1901,	3	304	+3	.....
1902,	3	281	—23	+2
UPHOLSTERY GOODS.				
1896,	8	292	.....	.....
1897,	8	299	+7	.....
1898,	8	301	+2	.....
1899,	8	288	—13	.....
1900,	8	264	—24	.....
1901,	8	285	+21	.....
1902,	8	303	+18	+11

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in operation.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	271	.....	.....
1897,	13	289	+18	.....
1898,	13	280	—9	.....
1899,	13	279	—1	.....
1900,	13	291	+12	.....
1901,	13	282	—9	.....
1902,	13	295	+13	+24
HOSIERY.				
1896,	31	256	.....	.....
1897,	31	290	+34	.....
1898,	31	286	—4	.....
1899,	31	281	—5	.....
1900,	31	287	+6	.....
1901,	31	290	+3	.....
1902,	31	295	+5	+39
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	274	.....	.....
1897,	5	301	+27	.....
1898,	5	293	—8	.....
1899,	5	277	—16	.....
1900,	5	282	+5	.....
1901,	5	261	—21	.....
1902,	5	303	+42	+29

DAYS IN OPERATION—Continued.

COMPARISON OF AVERAGE NUMBER OF DAYS IN OPERATION BY SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average number of days in opera- tion.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
1896,	2	301	.....	.....
1897,	2	301	.....	.....
1898,	2	302	+1	.....
1899,	2	301	—1	.....
1900,	2	299	—2	.....
1901,	2	301	+2	.....
1902,	2	300	—1	—1
SILK—RIBBONS.				
1896,	4	298	.....	.....
1897,	4	299	+1	.....
1898,	4	299	.....	.....
1899,	4	293	—6	.....
1900,	4	283	—10	.....
1901,	4	302	+19	.....
1902,	4	297	—5	—1

PERSONS EMPLOYED.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the average number of persons employed by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
STEEL CASTINGS.				
1896,	7	1,016	.....	.....
1897,	7	1,068	+52	.....
1898,	7	1,363	+295	.....
1899,	7	1,705	+342	.....
1900,	7	1,741	+36	.....
1901,	7	1,478	—263	.....
1902,	7	1,675	+197	+659
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	1,392	.....	.....
1897,	4	1,278	—114	.....
1898,	4	1,475	+197	.....
1899,	4	1,802	+327	.....
1900,	4	1,682	—120	.....
1901,	4	1,838	+156	.....
1902,	4	3,104	+1,266	+1,712
TOOL STEEL.				
1896,	3	160	.....	.....
1897,	3	159	—1	.....
1898,	3	214	+55	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
TOOL STEEL—Continued.				
1899,	3	209	—5	.....
1900,	3	132	—77	.....
1901,	3	167	+35	.....
1902,	3	213	+46	+53
IRON AND STEEL FORGINGS.				
1896,	7	254	.....	.....
1897,	7	244	—10	.....
1898,	7	318	+74	.....
1899,	7	395	+77	.....
1900,	7	384	—11	.....
1901,	7	482	+98	.....
1902,	7	553	+71	+299
IRON SPECIALTIES.				
1896,	2	37	.....	.....
1897,	2	45	+8	.....
1898,	2	35	—10	.....
1899,	2	31	—4	.....
1900,	2	42	+11	.....
1901,	2	53	+11	.....
1902,	2	57	+4	+20
MALLEABLE IRON.				
1896,	4	1,575	.....	.....
1897,	4	1,404	—171	.....
1898,	4	1,640	+236	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MALLEABLE IRON—Continued..

1899,	4	1,831	+191
1900,	4	1,671	—160
1901,	4	1,905	+234
1902,	4	2,166	+261	+591

BOLTS, NUTS, ETC.

1896,	7	750	.....	.....
1897,	7	732	—18	.....
1898,	7	772	+40	.....
1899,	7	1,032	+260	.....
1900,	7	1,040	+8	.....
1901,	7	1,290	+250	.....
1902,	7	1,366	+76	+616

WIRE NAILS, RIVETS, ETC.

1896,	4	499	.....	.....
1897,	4	644	+145	.....
1898,	4	644	.....	.....
1899,	4	725	+81	.....
1900,	4	812	+87	.....
1901,	4	255	—557	.....
1902,	4	265	+10	—234

TACKS AND SMALL NAILS.

1896,	4	118	.....	.....
1897,	4	114	—4	.....
1898,	4	68	—46	.....
1899,	4	158	+90	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.—
Continued.

1900,	4	141	—17
1901,	4	142	+1
1902,	4	130	—12	+12

WIRE.

1896,	5	97	.....	.....
1897,	5	105	+8	.....
1898,	5	122	+17	.....
1899,	5	157	+35	.....
1900,	5	254	+97	.....
1901,	5	258	+4	.....
1902,	5	258	.....	+161

WIRE ROPE.

1896,	2	158	.....	.....
1897,	2	166	+8	.....
1898,	2	190	+24	.....
1899,	2	232	+42	.....
1900,	2	342	+110	.....
1901,	2	393	+51	.....
1902,	2	422	+29	+264

WIRE GOODS.

1896,	5	194	.....	.....
1897,	5	215	+21	.....
1898,	5	228	+13	.....
1899,	5	257	+29	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WIRE GOODS.—Continued.

1900,	5	208	—49
1901,	5	242	+34
1902,	5	221	—21	+27

WAGON AND CARRIAGE AXLES
AND SPRINGS.

1896,	5	324	.....	.....
1897,	5	325	+1	.....
1898,	5	379	+54	.....
1899,	5	469	+90	.....
1900,	5	450	—19	.....
1901,	5	598	+148	.....
1902,	5	710	+112	+386

SCALES, ETC.

1896,	4	113	.....	.....
1897,	4	122	+9	.....
1898,	4	134	+12	.....
1899,	4	159	+25	.....
1900,	4	177	+18	.....
1901,	4	183	+6	.....
1902,	4	175	—8	+62

STOVES, RANGES, HEATERS,
ETC.

1896,	29	3,362	.....	.....
1897,	29	3,458	+96	.....
1898,	29	3,547	—11	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STOVES, RANGES, HEATERS,
ETC.—Continued.

1899,	29	3,612	+65
1900,	29	3,678	+66
1901,	29	3,693	+15
1902,	29	3,751	+58	+389

BATH BOILERS, TANKS, ETC.

1896,	2	26	.....	.....
1897,	2	28	+2	.....
1898,	2	32	+4	.....
1899,	2	45	+13	.....
1900,	2	38	—7	.....
1901,	2	44	+6	.....
1902,	2	42	—2	+16

HARDWARE SPECIALTIES.

1896,	13	2,433	.....	.....
1897,	13	2,575	+142	.....
1898,	13	2,817	+242	.....
1899,	13	3,250	+433	.....
1900,	13	3,105	—145	.....
1901,	13	3,101	—4	.....
1902,	13	3,488	+387	+1,055

EDGE TOOLS.

1896,	12	818	.....	.....
1897,	12	827	+9	.....
1898,	12	878	+51	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
EDGE TOOLS.— Continued.				
1899,	12	1,018	+140	.....
1900,	12	1,077	+59	.....
1901,	12	1,097	+20	.....
1902,	12	1,201	+104	+383
WRENCHES, PICKS, ETC.				
1896,	5	248	.....	.....
1897,	5	293	+45	.....
1898,	5	272	—21	.....
1899,	5	341	+61	.....
1900,	5	386	+45	.....
1901,	5	357	—29	.....
1902,	5	327	—30	+79
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	6,254	.....	.....
1897,	3	5,742	—512	.....
1898,	3	5,965	+223	.....
1899,	3	6,655	+690	.....
1900,	3	7,185	+530	.....
1901,	3	7,498	+313	.....
1902,	3	8,261	+763	+2,007
WROUGHT IRON PIPE AND TUBES.				
1896,	5	5,324	.....	.....
1897,	5	5,110	—214	.....
1898,	5	5,693	+583	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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WROUGHT IRON PIPE AND
TUBES—Continued.

1899,	5	8,754	+3,061
1900,	5	5,420	—3,334
1901,	5	6,574	+1,154
1902,	5	6,428	—146	+1,104

CAST IRON PIPE.

1896,	3	507	.....	.....
1897,	3	615	+108	.....
1898,	3	689	+74	.....
1899,	3	740	+51	.....
1900,	3	797	+57	.....
1901,	3	841	+44	.....
1902,	3	861	+20	+354

BRASS, COPPER AND BRONZE
GOODS.

1896,	18	1,182	.....	.....
1897,	18	1,155	—27	.....
1898,	18	1,299	+144	.....
1899,	18	1,477	+178	.....
1900,	18	1,548	+71	.....
1901,	18	1,729	+181	.....
1902,	18	1,807	+78	+625

IRON AND STEEL BRIDGES.

1896,	7	1,169	.....	.....
1897,	7	1,177	+8	.....

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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IRON AND STEEL BRIDGES—
Continued.

1898,	7	1,423	+246
1899,	7	1,680	+257
1900,	7	2,233	+553
1901,	7	2,076	—157	.....
1902,	7	2,262	+186	+1,093

LOCOMOTIVES, STATIONARY
ENGINES, ETC.

1896,	9	5,587	.....	.....
1897,	9	5,651	+64	.....
1898,	9	7,967	+2,316	.....
1899,	9	9,827	+1,860	.....
1900,	9	12,003	+2,176	.....
1901,	9	13,298	+1,295	.....
1902,	9	13,621	+323	+8,034

ENGINES, BOILERS, ETC.

1896,	10	1,922	.....	.....
1897,	10	1,690	—232	.....
1898,	10	1,904	+214	.....
1899,	10	2,163	+259	.....
1900,	10	2,373	+210	.....
1901,	10	2,533	+160	.....
1902,	10	2,634	+101	+712

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	2,063	.....	.....
1897,	10	2,131	+68	.....
1898,	10	2,901	+770	.....
1899,	10	6,094	+3,193	.....
1900,	10	8,857	+2,763	.....
1901,	10	9,439	+582	.....
1902,	10	9,728	+289	+7,665
IRON VESSELS AND ENGINES.				
1896,	3	4,044	.....	.....
1897,	3	3,447	—597	.....
1898,	3	5,384	+1,937	.....
1899,	3	6,188	+804	.....
1900,	3	6,677	+489	.....
1901,	3	6,268	—409	.....
1902,	3	6,570	+302	+2,526
BOILERS, TANKS, STACKS, ETC.				
1896,	21	1,161	.....	.....
1897,	21	1,128	—33	.....
1898,	21	1,386	+258	.....
1899,	21	1,627	+241	.....
1900,	21	1,933	+306	.....
1901,	21	2,135	+202	.....
1902,	21	2,426	+291	+1,265

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	3,721	.....	.....
1897,	20	3,853	+132	.....
1898,	20	4,434	+581	.....
1899,	20	5,630	+1,196	.....
1900,	20	6,100	+470	.....
1901,	20	6,342	+242	.....
1902,	20	6,894	+552	+3,173
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	2,127	.....	.....
1897,	25	2,101	—26	.....
1898,	25	2,447	+346	.....
1899,	25	3,104	+657	.....
1900,	25	3,204	+100	.....
1901,	25	3,622	+418	.....
1902,	25	4,154	+532	+2,027
FILES, ETC.				
1896,	2	331	.....	.....
1897,	2	346	+15	.....
1898,	2	369	+23	.....
1899,	2	394	+25	.....
1900,	2	422	+28	.....
1901,	2	415	—7	.....
1902,	2	415	.....	+84

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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SAWS.

1896,	3	56
1897,	3	50	—6
1898,	3	47	—3
1899,	3	47
1900,	3	56	+9
1901,	3	57	+1
1902,	3	55	—2	—1

PLUMBER SUPPLIES.

1896,	3	560	.....	.....
1897,	3	921	—39	.....
1898,	3	965	+44	.....
1899,	3	1,046	+81	.....
1900,	3	1,048	+2	.....
1901,	3	1,086	+38	.....
1902,	3	1,112	+26	+152

ELECTRICAL SUPPLIES.

1896,	4	2,528	.....	.....
1897,	4	2,173	—355	.....
1898,	4	3,499	+1,326	.....
1899,	4	5,184	+1,685	.....
1900,	4	6,210	+1,026	.....
1901,	4	7,212	+1,002	.....
1902, ..	4	8,317	+1,135	+5,829

PERSONS EMPLOYED--Continued.

COMPARISON OF NUMBER OF WAGE EARNERS--SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	545	.....	.....
1897,	8	511	—34	.....
1898,	8	528	+17	.....
1899,	8	563	+35	.....
1900,	8	532	—31	.....
1901,	8	592	+60	.....
1902,	8	615	+23	+70
SAFES AND VAULT DOORS.				
1896,	2	128	.....	.....
1897,	2	125	—3	.....
1898,	2	121	—4	.....
1899,	2	120	—1	.....
1900,	2	180	+60	.....
1901,	2	224	+44	.....
1902,	2	249	+25	+121
METAL AND METALLIC GOODS.				
1896,	3	194	.....	.....
1897,	3	207	+13	.....
1898,	3	225	+18	.....
1899,	3	269	+44	.....
1900,	3	297	+28	.....
1901,	3	252	—45	.....
1902,	3	247	—5	+53

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	752	.....	.....
1897,	2	662	—90	.....
1898,	2	841	+179	.....
1899,	2	1,240	+399	.....
1900,	2	1,678	+438	.....
1901,	2	2,286	+608	.....
1902,	2	2,427	+141	+1,675
IRON CHAINS.				
1896,	5	231	.....	.....
1897,	5	231	.....	.....
1898,	5	269	+38	.....
1899,	5	299	+30	.....
1900,	5	264	—35	.....
1901,	5	288	+24	.....
1902,	5	631	+343	+400
IRON FENCES AND RAILINGS.				
1896,	7	79	.....	.....
1897,	7	100	+21	.....
1898,	7	126	+26	.....
1899,	7	155	+29	.....
1900,	7	197	+42	.....
1901,	7	220	+23	.....
1902,	7	352	+132	+273

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	1,271
1897,	11	1,296	+25
1898,	11	1,473	+177
1899,	11	1,561	+88
1900,	11	1,554	—7	.....
1901,	11	1,571	+17	.....
1902,	11	1,742	—171	+471

STEAM PUMPS.

1896,	2	153	.....	.....
1897,	2	140	—13	.....
1898,	2	151	+11	.....
1899,	2	225	+74	.....
1900,	2	268	+43	.....
1901,	2	231	—37	.....
1902,	2	248	+17	+95

BICYCLES.

1896,	3	222	.....	.....
1897,	3	255	+33	.....
1898,	3	352	+97	.....
1899,	3	297	—55	.....
1900,	3	256	—41	.....
1901,	3	97	—159	.....
1902,	3	172	+75	—50

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	80
1897,	2	77	—3
1898,	2	95	+18
1899,	2	105	+10
1900,	2	146	+41
1901,	2	150	+4
1902,	2	170	+20	+90

TINWARE.

1896,	5	284	.....	.....
1897,	5	275	—9	.....
1898,	5	278	+3	.....
1899,	5	275	—3	.....
1900,	5	328	+53	.....
1901,	5	461	+133	.....
1902,	5	653	+192	+169

PAPER MANUFACTORIES.

1896,	8	1,521	.....	.....
1897,	8	1,474	—47	.....
1898,	8	1,483	+9	.....
1899,	8	1,681	+198	.....
1900,	8	1,740	+59	.....
1901,	8	1,725	—15	.....
1902,	8	1,881	+156	+360

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	330
1897,	3	341	+11
1898,	3	362	+21
1899,	3	361	—1
1900,	3	309	—52
1901,	3	331	+22
1902,	3	325	—6	—5

CIGARS.

1896,	46	6,559	.....	.....
1897,	46	7,301	+742	.....
1898,	46	7,800	+499	.....
1899,	46	8,308	+508	.....
1900,	46	8,668	+360	.....
1901,	46	8,866	+198	.....
1902,	46	8,025	—841	+1,466

BOOK BINDING.

1896,	3	138	.....	.....
1897,	3	137	—1	.....
1898,	3	156	+19	.....
1899,	3	176	+20	.....
1900,	3	188	+12	.....
1901,	3	188	.....	.....
1902,	3	170	—18	+32

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE ROPE AND TWINE.				
1896,	5	2,055	.....	.....
1897,	5	2,119	+64	.....
1898,	5	2,091	—28	.....
1899,	5	2,191	+100	.....
1900,	5	2,256	+65	.....
1901,	5	2,294	+38	.....
1902,	5	2,367	+73	+312
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	1,799	.....	.....
1897,	26	1,881	+82	.....
1898,	26	2,435	+554	.....
1899,	26	2,260	—175	.....
1900,	26	2,200	—60	.....
1901,	26	2,094	—106	.....
1902,	26	2,179	+85	+380
POTTERY.				
1896,	2	146	.....	.....
1897,	2	145	—1	.....
1898,	2	153	+8	.....
1899,	2	162	+9	.....
1900,	2	172	+10	.....
1901,	2	171	—1	.....
1902,	2	155	—16	+9

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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PAVING BRICK.

1896,	7	437
1897,	7	429	—8
1898,	7	447	+18
1899,	7	528	+81
1900,	7	587	+59
1901,	7	553	—34
1902,	7	615	+62	+178

BUILDING BRICK.

1896,	33	1,810	.....	.....
1897,	33	1,737	—73	.....
1898,	33	1,795	+62	.....
1899,	33	1,804	+9	.....
1900,	33	1,800	—4	.....
1901,	33	1,929	+129	.....
1902,	33	2,154	+225	+344

FIRE BRICK.

1896,	17	1,868	.....	.....
1897,	17	1,928	+60	.....
1898,	17	2,327	+399	.....
1899,	17	2,947	+620	.....
1900,	17	3,823	+876	.....
1901,	17	3,787	—36	.....
1902,	17	4,169	+382	+2,301

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC, TON- NAGE.				
1896,	6	830	.....	.....
1897,	6	830	.....	.....
1898,	6	762	—68	.....
1899,	6	664	—98	.....
1900,	6	764	+100	.....
1901,	6	907	+143	.....
1902,	6	973	+66	+143
SLATE ROOFING, ETC., SQUARES.				
1896,	14	1,254	.....	.....
1897,	14	1,354	+100	.....
1898,	14	1,875	+521	.....
1899,	14	1,552	—323	.....
1900,	14	1,560	+8	.....
1901,	14	1,578	+18	.....
1902,	14	1,575	—3	+321
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	7,026	.....	.....
1897,	21	7,071	+45	.....
1898,	21	7,655	+584	.....
1899,	21	8,607	+952	.....
1900,	21	9,843	+1,236	.....
1901,	21	8,730	—1,213	.....
1902,	21	9,614	+884	+2,588

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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GLAZED AND CHROME KID.

1896,	7	2,725
1897,	7	3,255	+530
1898,	7	3,745	+490
1899,	7	4,598	+853
1900,	7	4,439	-59	.....
1901,	7	4,783	+344	.....
1902,	7	4,228	-555	+1,503

MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.

1896,	14	3,151	.....	.....
1897,	14	3,279	+128	.....
1898,	14	3,488	+109	.....
1899,	14	3,318	-170	.....
1900,	14	3,327	+9	.....
1901,	14	3,384	+57	.....
1902,	14	3,371	-13	+220

SUSPENDERS.

1896,	2	110	.....	.....
1897,	2	120	+10	.....
1898,	2	127	+7	.....
1899,	2	162	+35	.....
1900,	2	212	+50	.....
1901,	2	198	-14	.....
1902,	2	202	+4	+92

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	490
1897,	3	489	—1
1898,	3	560	+71
1899,	3	560
1900,	3	614	+54
1901,	3	691	+77
1902,	3	649	—42	+159

FUR AND FELT HATS.

1896,	4	963	.....	.....
1897,	4	1,048	+85	.....
1898,	4	1,257	+209	.....
1899,	4	1,412	+155	.....
1900,	4	1,687	+275	.....
1901,	4	2,060	+373	.....
1902,	4	2,330	+270	+1,367

WOOL HATS.

1896,	7	395	.....	.....
1897,	7	447	+52	.....
1898,	7	480	+33	.....
1899,	7	537	+57	.....
1900,	7	563	+26	.....
1901,	7	538	—25	.....
1902,	7	538	.....	+143

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	589	.....	.....
1897,	4	575	-14	.....
1898,	4	505	-70	.....
1899,	4	531	+26	.....
1900,	4	506	-25	.....
1901,	4	522	+16	.....
1902,	4	575	+53	-14
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	1,104	.....	.....
1897,	8	1,393	+289	.....
1898,	8	1,543	+150	.....
1899,	8	1,760	+217	.....
1900,	8	1,745	-15	.....
1901,	8	1,669	-76	.....
1902,	8	1,741	+72	+637
SHIRTS AND SHIRT WAISTS.				
1896,	9	1,804	.....	.....
1897,	9	1,819	+15	.....
1898,	9	1,993	+174	.....
1899,	9	2,294	+301	.....
1900,	9	2,338	+44	.....
1901,	9	2,419	+81	.....
1902,	9	2,565	+146	+761

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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NECKWEAR.

1896,	3	190
1897,	3	174	—16
1898,	3	183	+9
1899,	3	195	+12
1900,	3	189	—6
1901,	3	181	—8
1902,	3	179	—2	—11

COTTON AND WOOLEN CLOTHS.

1896,	23	4,406	.....	.....
1897,	23	4,669	+263	.....
1898,	23	4,647	—22	.....
1899,	23	5,017	+370	.....
1900,	23	5,534	+517	.....
1901,	23	5,171	—363	.....
1902,	23	5,434.	+263	+1,028

CARPETS.

1896,	17	2,263	.....	.....
1897,	17	2,704	+441	.....
1898,	17	2,753	+49	.....
1899,	17	2,834	+81	.....
1900,	17	2,794	—40	.....
1901,	17	2,801	+7	.....
1902,	17	2,810	+9	+547

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	2,807	.....	.....
1897,	16	2,866	+59	.....
1898,	16	3,007	+141	.....
1899,	16	3,294	+287	.....
1900,	16	3,223	—71	.....
1901,	16	3,112	—111	.....
1902,	16	3,186	+74	+379
WOOLEN AND WORSTED CAS- SIMERES.				
1896,	10	1,332	.....	.....
1897,	10	1,531	+199	.....
1898,	10	1,664	+133	.....
1899,	10	1,890	+226	.....
1900,	10	1,890	.....	.....
1901,	10	1,938	+48	.....
1902,	10	2,663	+725	+1,331
WOOLEN AND WORSTED FABRICS.				
1896,	15	2,745	.....	.....
1897,	15	3,258	+513	.....
1898,	15	3,035	—222	.....
1899,	15	3,359	+324	.....
1900,	15	3,861	+502	.....
1901,	15	3,254	—607	.....
1902,	15	3,623	+369	+878

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
1896,	12	1,526	.....	.....
1897,	12	1,532	+6	.....
1898,	12	1,445	—87	.....
1899,	12	1,478	+33	.....
1900,	12	1,641	+163	.....
1901,	12	1,658	+17	.....
1902,	12	1,948	+290	+422
RUGS, YARNS, ETC.				
1896,	5	3,134	.....	.....
1897,	5	3,069	—65	.....
1898,	5	2,926	—143	.....
1899,	5	3,074	+148	.....
1900,	5	3,170	+96	.....
1901,	5	3,209	+39	.....
1902,	5	3,409	+200	+275
CARPET YARNS.				
1896,	11	563	.....	.....
1897,	11	625	+62	.....
1898,	11	577	—48	.....
1899,	11	633	+56	.....
1900,	11	670	+37	.....
1901,	11	688	+18	.....
1902,	11	706	+18	+143

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	695	.....	.....
1897,	7	719	+24	.....
1898,	7	795	+76	.....
1899,	7	800	+5	.....
1900,	7	870	+70	.....
1901,	7	720	—150	.....
1902,	7	718	—2	+23
WORSTED, WOOLEN AND COT- TON YARNS.				
1896,	9	1,272	.....	.....
1897,	9	1,473	+201	.....
1898,	9	1,485	+12	.....
1899,	9	1,420	—65	.....
1900,	9	1,730	+310	.....
1901,	9	1,830	+100	.....
1902,	9	1,826	—4	+554
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	717	.....	.....
1897,	5	719	+2	.....
1898,	5	1,063	+344	.....
1899,	5	967	—96	.....
1900,	5	894	—73	.....
1901,	5	912	+18	.....
1902,	5	895	—17	+178

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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LACE GOODS.

1896,	3	763
1897,	3	855	+92
1898,	3	974	+119
1899,	3	1,098	+124
1900,	3	1,251	+153
1901,	3	1,238	—13	.....
1902,	3	1,407	+169	+611

CHENILLE GOODS.

1896,	3	610	.....	.....
1897,	3	668	+58	.....
1898,	3	599	—69	.....
1899,	3	601	+2	.....
1900,	3	654	+53	.....
1901,	3	680	+26	.....
1902,	3	797	+117	+187

UPHOLSTERY GOODS.

1896,	8	1,614	.....	.....
1897,	8	1,784	+170	.....
1898,	8	1,898	+114	.....
1899,	8	2,009	+111	.....
1900,	8	1,853	—156	.....
1901,	8	1,951	+98	.....
1902,	8	2,282	+331	+668

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total number of wage earners.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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KNIT GOODS, UNDERWEAR.

1896,	13	2,333
1897,	13	2,570	+237
1898,	13	2,568	—2
1899,	13	2,864	+296
1900,	13	3,188	+324	.....
1901,	13	2,980	—208	.....
1902,	13	3,112	+132	+779

HOSIERY.

1896,	31	4,757	.....	.....
1897,	31	5,606	+849	.....
1898,	31	5,917	+311	.....
1899,	31	6,146	+229	.....
1900,	31	6,593	+447	.....
1901,	31	6,756	+163	.....
1902,	31	7,001	+245	+2,244

SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.

1896,	5	2,229	.....	.....
1897,	5	3,368	+139	.....
1898,	5	3,622	+254	.....
1899,	5	3,439	—183	.....
1900,	5	3,673	+234	.....
1901,	5	3,945	+272	.....
1902,	5	4,486	+541	+2,257

PERSONS EMPLOYED—Continued.

COMPARISON OF NUMBER OF WAGE EARNERS—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total number of wage earners.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1893.
SILK—BROAD GOODS AND RIBBONS.				
1896,	2	1,300	.....	.....
1897,	2	2,050	+750	.....
1898,	2	2,200	+150	.....
1899,	2	2,000	-200	.....
1900,	2	1,750	-250	.....
1901,	2	2,400	+650	.....
1902,	2	2,600	+200	+1,300
SILK RIBBONS.				
1896,	4	431	.....	.....
1897,	4	535	+104	.....
1898,	4	634	+99	.....
1899,	4	644	+10	.....
1900,	4	728	+84	.....
1901,	4	909	+181	.....
1902,	4	1,239	+330	+808

AGGREGATE WAGES PAID.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the aggregate amount of wages paid by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

1896,	7	\$463,012	\$	\$
1897,	7	478,303	+15,291
1898,	7	619,179	+140,876
1899,	7	838,679	+219,500
1900,	7	821,510	—17,169	.....
1901,	7	734,578	—86,932	.....
1902,	7	974,823	+240,245	+511,811

STEEL BILLETS, SLABS,
BLOOMS, ETC.

1896,	4	621,985	.....	.....
1897,	4	630,474	+8,489	.....
1898,	4	873,163	+242,689	.....
1899,	4	1,239,839	+366,676	.....
1900,	4	1,087,913	—151,926	.....
1901,	4	1,411,838	+323,925	.....
1902,	4	2,531,172	+1,119,334	+1,909,187

TOOL STEEL.

1896,	3	88,646	.....	.....
1897,	3	74,319	—4,327	.....
1898,	3	153,303	+78,984	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TOOL STEEL.—Continued.

1899,	3	\$140,945	—\$12,358	\$
1900,	3	98,601	—42,344
1901,	3	131,830	+33,229
1902,	3	232,421	+100,591	+143,775

IRON AND STEEL FORGINGS.

1896,	7	121,567	.....	.....
1897,	7	120,823	—744	.....
1898,	7	175,796	+54,973	.....
1899,	7	249,106	+73,310	.....
1900,	7	263,271	+14,165	.....
1901,	7	255,175	—8,096	.....
1902,	7	306,058	+50,883	+184,491

IRON SPECIALTIES.

1896,	2	17,700	.....	.....
1897,	2	22,700	+5,000	.....
1898,	2	18,700	—4,000	.....
1899,	2	18,350	—350	.....
1900,	2	20,350	+2,000	.....
1901,	2	25,372	+5,022	.....
1902,	2	30,000	+4,628	+12,300

MALLEABLE IRON.

1896,	4	709,933	.....	.....
1897,	4	647,054	—62,879	.....
1898,	4	776,815	+129,761	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
MALLEABLE IRON—Continued..				
1899,	4	\$928,417	+\$151,602	\$
1900,	4	866,482	—61,935	.....
1901,	4	939,514	+73,032	.....
1902,	4	1,208,275	+268,761	+498,342
BOLTS, NUTS, ETC.				
1896,	7	319,833	.....	.....
1897,	7	245,696	—74,137	.....
1898,	7	278,649	+32,953	.....
1899,	7	422,635	+143,986	.....
1900,	7	429,188	+6,553	.....
1901,	7	488,212	+59,024	.....
1902,	7	545,372	+57,160	+225,539
WIRE NAILS, RIVETS, ETC.				
1896,	4	158,859	.....	.....
1897,	4	247,270	+88,411	.....
1898,	4	185,422	—61,848	.....
1899,	4	244,745	+59,323	.....
1900,	4	165,895	—78,850	.....
1901,	4	115,167	—50,728	.....
1902,	4	115,036	—131	—43,823
TACKS AND SMALL NAILS.				
1896,	4	34,122	.....	.....
1897,	4	31,752	—2,370	.....
1898,	4	24,483	—7,269	.....
1899,	4	54,460	+29,977	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.—Continued.

1900,	4	\$44,982	—\$9,478	\$
1901,	4	49,715	+4,733
1902,	4	41,872	—7,843	+7,750

WIRE.

1896,	5	44,882	.....	.....
1897,	5	39,962	—4,920	.....
1898,	5	59,750	+19,788	.....
1899,	5	77,437	+17,687	.....
1900,	5	104,066	+26,629	.....
1901,	5	107,069	+3,003	.....
1902,	5	119,271	+12,202	+74,389

WIRE ROPE.

1896,	2	70,108	.....	.....
1897,	2	74,810	+4,702	.....
1898,	2	88,858	+14,048	.....
1899,	2	113,217	+24,359	.....
1900,	2	164,517	+51,300	.....
1901,	2	169,682	+5,165	.....
1902,	2	196,172	+26,490	+126,064

WIRE GOODS.

1896,	5	56,708	.....	.....
1897,	5	66,854	+10,146	.....
1898,	5	63,323	—3,531	.....
1899,	5	82,879	+19,556	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
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WIRE GOODS—Continued.

1900,	5	\$64,328	—\$18,551	\$
1901,	5	72,771	+8,443
1902,	5	77,321	+4,550	+20,613

WAGON AND CARRIAGE AXLES
AND SPRINGS.

1896,	5	163,117	.....	.....
1897,	5	170,656	+7,539	.....
1898,	5	202,039	+31,383	.....
1899,	5	248,758	+46,719	.....
1900,	5	230,575	—18,183	.....
1901,	5	305,093	+74,518	.....
1902,	5	338,373	+33,280	+175,256

SCALES, ETC.

1896,	4	66,550	.....	.....
1897,	4	69,185	+2,635	.....
1898,	4	75,860	+6,675	.....
1899,	4	96,360	+20,500	.....
1900,	4	105,851	+9,491	.....
1901,	4	111,951	+6,100	.....
1902,	4	109,691	—2,260	+43,141

STOVES, RANGES, HEATERS,
ETC.

1896,	29	1,584,029	.....	.....
1897,	29	1,605,004	+20,975	.....
1898,	29	1,713,978	+108,974	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.—Continued.				
1899,	29	\$1,944,588	+\$230,610	\$
1900,	29	2,086,244	+141,656	.....
1901,	29	2,040,694	—45,550	.....
1902,	29	2,173,727	+133,033	+589,698
BATH BOILERS, TANKS, ETC.				
1896,	2	12,091	.....	.....
1897,	2	12,498	+407	.....
1898,	2	13,611	+1,113	.....
1899,	2	19,448	+5,837	.....
1900,	2	16,804	—2,644	.....
1901,	2	20,030	+3,226	.....
1902,	2	19,951	—73	+7,860
HARDWARE SPECIALTIES.				
1896,	13	991 873	.....	.....
1897,	13	1,040,878	+49,005	.....
1898,	13	1,116,929	+76,051	.....
1899,	13	1,412,579	+295,650	.....
1900,	13	1,222,769	—189,810	.....
1901,	13	1,345,978	+123,209	.....
1902,	13	1,591,992	+246,014	+600,119
EDGE TOOLS.				
1896,	12	356,401	.....	.....
1897,	12	304,988	—51,413	.....
1898,	12	401,694	+96,706	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
EDGE TOOLS.—Continued.				
1899,	12	\$474,562	+\$72,868	\$
1900,	12	507,597	+33,035	.....
1901,	12	494,080	—13,517	.....
1902,	12	572,350	+78,270	+215,949
WRENCHES, PICKS, ETC.				
1896,	5	106,369	.....	.....
1897,	5	123,034	+16,665	.....
1898,	5	139,125	+16,091	.....
1899,	5	179,408	+40,283	.....
1900,	5	184,711	+5,303	.....
1901,	5	183,238	—1,473	.....
1902,	5	207,429	+24,191	+101,060
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	3,035,897	.....	.....
1897,	3	3,019,356	—16,541	.....
1898,	3	3,411,544	+392,188	.....
1899,	3	4,049,295	+637,751	.....
1900,	3	4,366,592	+317,297	.....
1901,	3	4,593,043	+226,451	.....
1902,	3	5,180,764	+587,721	+2,144,867
WROUGHT IRON PIPE AND TUBES.				
1896,	5	2,170,688	.....	.....
1897,	5	2,045,620	—125,068	.....
1898,	5	2,451,501	+405,881	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate Wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1901 as 1902 as with 1896.
WROUGHT IRON PIPE AND TUBES—Continued.				
1899,	5	\$4,566,297	+\$2,114,796	\$
1900,	5	2,575,403	—1,990,894	.....
1901,	5	3,301,349	+725,946	.....
1902,	5	3,838,217	+536,868	+1,667,529
CAST IRON PIPE.				
1896,	3	209,338	.....	.....
1897,	3	250,934	+41,596	.....
1898,	3	263,550	+12,616	.....
1899,	3	260,355	—3,195	.....
1900,	3	357,650	+97,295	.....
1901,	3	402,535	+44,885	.....
1902,	3	420,115	+17,580	+210,777
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	481,087	.....	.....
1897,	18	466,965	—14,122	.....
1898,	18	560,336	+93,371	.....
1899,	18	645,983	+85,647	.....
1900,	18	725,712	+79,729	.....
1901,	18	831,059	+105,347	.....
1902,	18	940,407	+109,348	+459,320
IRON AND STEEL BRIDGES.				
1896,	7	590,081	.....	.....
1897,	7	564,817	—25,264	.....

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
IRON AND STEEL BRIDGES— Continued.				
1898,	7	\$647,664	+\$82,847	\$
1899,	7	722,759	+75,095	.....
1900,	7	1,235,666	+512,907	.....
1901,	7	1,176,736	—58,930	.....
1902,	7	1,259,652	+82,916	+669,571
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	3,137,295	.....	.....
1897,	9	3,032,837	—104,458	.....
1898,	9	4,559,167	+1,526,330	.....
1899,	9	5,764,855	+1,205,688	.....
1900,	9	7,274,385	+1,509,530	.....
1901,	9	8,314,869	+1,040,484	.....
1902,	9	10,142,042	+1,827,173	+7,004,747
ENGINES, BOILERS, ETC.				
1896,	10	1,003,538	.....	.....
1897,	10	840,896	—162,642	.....
1898,	10	996,882	+155,986	.....
1899,	10	1,185,494	+188,612	.....
1900,	10	1,309,636	+124,142	.....
1901,	10	1,425,785	+116,149	.....
1902,	10	1,517,371	+91,586	+513,833

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	\$882,033	\$	\$
1897,	10	836,146	—45,887	.....
1898,	10	1,366,153	+530,007	.....
1899,	10	3,226,603	+1,860,450	.....
1900,	10	4,715,100	+1,488,497	.....
1901,	10	5,080,224	+365,124	.....
1902,	10	5,648,752	+568,528	+4,766,719
IRON VESSELS AND ENGINES.				
1896,	3	2,320,747	.....	.....
1897,	3	1,881,993	—438,754	.....
1898,	3	2,880,847	+998,854	.....
1899,	3	3,428,153	+547,306	.....
1900,	3	3,538,223	+110,070	.....
1901,	3	3,587,294	+49,071	.....
1902,	3	4,053,706	+466,412	+1,732,959
BOILERS, TANKS, STACKS, ETC.				
1896,	21	542,277	.....	.....
1897,	21	535,025	—7,252	.....
1898,	21	639,883	+104,858	.....
1899,	21	780,279	+140,396	.....
1900,	21	893,362	+113,083	.....
1901,	21	1,060,002	+166,640	.....
1902,	21	1,216,711	+156,709	+674,434

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MACHINERY.

1896,	20	\$1,955,967	\$	\$
1897,	20	1,970,570	+14,603
1898,	20	2,402,335	+431,765
1899,	20	3,122,970	+720,635
1900,	20	3,292,239	+169,269	.....
1901,	20	3,497,092	+204,853	.....
1902,	20	3,825,610	+328,518	+1,869,643

FOUNDRIES AND MACHINE SHOPS.

1896,	25	957,628	.....	.....
1897,	25	995,718	+38,090	.....
1898,	25	1,184,333	+188,615	.....
1899,	25	1,570,135	+385,802	.....
1900,	25	1,748,800	+178,665	.....
1901,	25	1,975,184	+226,384	.....
1902,	25	2,387,432	+412,248	+1,429,804

FILES, ETC.

1896,	2	108,895	.....	.....
1897,	2	110,805	+1,910	.....
1898,	2	117,553	+6,748	.....
1899,	2	136,071	+18,518	.....
1900,	2	140,544	+4,473	.....
1901,	2	154,565	+14,021	.....
1902,	2	167,866	+13,301	+58,971

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAWS.				
1896,	3	\$25,745	\$	\$
1897,	3	21,557	—4,188	.....
1898,	3	22,939	+1,382	.....
1899,	3	24,100	+1,161	.....
1900,	3	32,108	+8,008	.....
1901,	3	33,271	+163	.....
1902,	3	35,707	+2,436	+9,962
PLUMBER SUPPLIES.				
1896,	3	418,864	.....	.....
1897,	3	377,194	—41,670	.....
1898,	3	432,969	+55,775	.....
1899,	3	502,827	+69,858	.....
1900,	3	504,686	+1,859	.....
1901,	3	527,899	+23,213	.....
1902,	3	553,742	+25,843	+134,878
ELECTRICAL SUPPLIES.				
1896,	4	1,276,087	.....	.....
1897,	4	1,184,647	—91,440	.....
1898,	4	1,929,920	+745,273	.....
1899,	4	2,856,814	+926,894	.....
1900,	4	3,517,368	+660,554	.....
1901,	4	4,116,501	+599,133	.....
1902,	4	4,896,954	+780,453	+3,620,867

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments considered.	Aggregate Wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$217,581	\$	\$
1897,	8	202,067	—15,514	.....
1898,	8	236,593	+34,526	.....
1899,	8	291,969	+55,376	.....
1900,	8	230,909	—61,060	.....
1901,	8	289,145	+58,236	.....
1902,	8	319,989	+30,844	+102,408
SAFES AND VAULT DOORS.				
1896,	2	54,556	.....	.....
1897,	2	59,906	+5,350	.....
1898,	2	61,012	+1,106	.....
1899,	2	59,965	—1,047	.....
1900,	2	79,594	+19,629	.....
1901,	2	101,832	+22,233	.....
1902,	2	108,844	+7,012	+54,288
METAL AND METALLIC GOODS.				
1896,	3	58,892	.....	.....
1897,	3	65,704	+6,812	.....
1898,	3	74,084	+8,380	.....
1899,	3	106,846	+32,762	.....
1900,	3	116,057	+9,211	.....
1901,	3	117,163	+1,106	.....
1902,	3	112,562	—4,601	+53,670

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

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BUILDING AND STRUCTURAL
IRON WORK.

1896,	2	\$382,148	\$	\$
1897,	2	344,442	—37,706
1898,	2	441,539	+97,097
1899,	2	657,942	+216,403	.....
1900,	2	879,148	+221,206	.....
1901,	2	1,199,639	+320,491	.....
1902,	2	1,309,729	+110,090	+927,581

IRON CHAINS.

1896,	5	91,526	.....	.....
1897,	5	96,671	+5,145	.....
1898,	5	120,291	+23,620	.....
1899,	5	140,403	+20,112	.....
1900,	5	124,543	—15,860	.....
1901,	5	142,794	+18,251	.....
1902,	5	320,036	+177,242	+228,510

IRON FENCES AND RAILINGS.

1896,	7	37,512	.....	.....
1897,	7	48,923	+11,411	.....
1898,	7	57,197	+8,274	.....
1899,	7	69,864	+12,667	.....
1900,	7	88,304	+18,440	.....
1901,	7	103,420	+15,116	.....
1902,	7	157,955	+54,535	+120,443

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

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AGRICULTURAL IMPLEMENTS.

1896,	11	\$566,269	\$	\$
1897,	11	588,757	+14,488
1898,	11	686,049	+105,292
1899,	11	746,419	+60,370	.....
1900,	11	743,346	—3,073	.....
1901,	11	806,857	+63,511	.....
1902,	11	901,136	+94,279	+334,867

STEAM PUMPS.

1896,	2	121,368	.....	.....
1897,	2	103,105	—18,263	.....
1898,	2	112,032	+8,927	.....
1899,	2	166,746	+54,714	.....
1900,	2	193,157	+26,411	.....
1901,	2	160,245	—32,912	.....
1902,	2	187,823	+27,578	+66,455

BICYCLES.

1896,	3	117,134	.....	.....
1897,	3	155,444	+38,310	.....
1898,	3	154,962	—482	.....
1899,	3	127,384	—27,578	.....
1900,	3	97,992	—29,392	.....
1901,	3	55,269	—42,723	.....
1902,	2	65,621	+10,352	—51,513

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase(+) or decrease (—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	\$33,894	\$	\$
1897,	2	33,542	—352
1898,	2	45,882	+12,340
1899,	2	48,127	+2,245
1900,	2	63,243	+15,116	.....
1901,	2	65,460	+2,217	.....
1902,	2	69,921	+4,461	+36,027

TINWARE.

1896,	5	107,539	.....	.....
1897,	5	106,907	—632	.....
1898,	5	103,119	—3,788	.....
1899,	5	118,410	+15,291	.....
1900,	5	134,105	+15,695	.....
1901,	5	170,087	+35,982	.....
1902,	5	268,263	+98,176	+160,724

PAPER MANUFACTORIES.

1896,	8	580,874	.....	.....
1897,	8	588,144	+7,270	.....
1898,	8	591,810	+3,666	.....
1899,	8	688,257	+96,447	.....
1900,	8	768,824	+80,567	.....
1901,	8	738,509	—30,315	.....
1902,	8	876,215	+137,706	+295,341

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	\$103,844	\$	\$
1897,	3	109,043	+6,199
1898,	3	124,400	+15,357
1899,	3	128,241	+3,841
1900,	3	140,741	+12,500	.....
1901,	3	136,042	—4,699	.....
1902,	3	142,106	+6,064	+38,262

CIGARS.

1896,	46	1,813,388	.....	.....
1897,	46	2,044,125	+230,737	.....
1898,	46	2,235,665	+191,540	.....
1899,	46	2,424,293	+188,628	.....
1900,	46	2,653,246	+228,953	.....
1901,	46	2,698,783	+45,537	.....
1902,	46	2,593,280	—105,503	+779,892

BOOK BINDING.

1896,	3	64,957	.....	.....
1897,	3	66,378	+1,421	.....
1898,	3	75,293	+8,915	.....
1899,	3	86,318	+11,025	.....
1900,	3	98,563	+12,245	.....
1901,	3	103,717	+5,154	.....
1902,	3	99,029	—4,688	+34,072

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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CORDAGE, ROPE AND TWINE.

1896,	5	\$618,977	\$	\$
1897,	5	683,523	+64,546
1898,	5	674,993	—8,530
1899,	5	792,522	+117,529	.....
1900,	5	742,246	—50,276	.....
1901,	5	785,781	+43,535	.....
1902,	5	821,467	+35,686	+202,490

PAPER, PAPER BOXES, ENVELOPES, ETC.

1896,	26	488,894	.....	.....
1897,	26	504,332	+15,438	.....
1898,	26	560,100	+55,768	.....
1899,	26	593,843	+33,743	.....
1900,	26	595,912	+2,069	.....
1901,	26	589,503	—6,409	.....
1902,	26	652,299	+62,796	+163,405

POTTERY.

1896,	2	72,562	.....	.....
1897,	2	68,011	—4,551	.....
1898,	2	73,799	+5,788	.....
1899,	2	78,658	+4,859	.....
1900,	2	78,307	—351	.....
1901,	2	83,136	+4,829	.....
1902,	2	77,448	—5,688	+4,886

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	\$142,710	\$	\$
1897,	7	144,002	+1,292	.....
1898,	7	148,144	+4,142	.....
1899,	7	176,133	+27,989	.....
1900,	7	237,666	+61,533	.....
1901,	7	206,868	—30,798	.....
1902,	7	246,244	+39,376	+103,534
BUILDING BRICK.				
1896,	33	632,143	.....	.....
1897,	33	622,004	—10,139	.....
1898,	33	627,391	+5,387	.....
1899,	33	670,363	+42,972	.....
1900,	33	655,567	—14,796	.....
1901,	33	724,002	+68,435	.....
1902,	33	787,686	+63,684	+155,543
FIRE BRICK.				
1896,	17	727,162	.....	.....
1897,	17	719,308	—7,854	.....
1898,	17	843,336	+124,028	.....
1899,	17	1,133,377	+290,041	.....
1900,	17	1,602,426	+469,049	.....
1901,	17	1,622,430	+20,004	.....
1902,	17	1,823,632	+201,202	+1,096,470

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TONNAGE.				
1896,	6	\$251,993	\$	\$
1897,	6	270,398	+18,405	.....
1898,	6	250,225	—20,173	.....
1899,	6	219,276	—30,949	.....
1900,	6	280,065	+60,789	.....
1901,	6	362,028	+81,963	.....
1902,	6	372,031	+10,003	+120,038
SLATE ROOFING, ETC., SQUARES.				
1896,	14	397,384	.....	.....
1897,	14	434,572	+37,188	.....
1898,	14	472,437	+37,865	.....
1899,	14	544,953	+72,516	.....
1900,	14	565,623	+20,670	.....
1901,	14	615,681	+50,058	.....
1902,	14	649,376	+33,695	+251,992
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	2,658,750	.....	.....
1897,	21	2,980,913	+322,163	.....
1898,	21	3,390,044	+409,131	.....
1899,	21	4,018,651	+628,607	.....
1900,	21	4,535,356	+516,705	.....
1901,	21	3,944,743	—590,613	.....
1902,	21	4,423,860	+479,117	+1,765,110

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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GLAZED AND CHROME KID.

1896,	7	\$962,342	\$	\$
1897,	7	1,285,138	+322,796
1898,	7	1,472,762	+187,624
1899,	7	1,907,913	+435,151	.....
1900,	7	1,759,101	—148,812	.....
1901,	7	2,111,284	+352,183	.....
1902,	7	1,945,564	—165,720	+983,222

MEN'S, WOMEN'S, MISSES' AND
CHILDREN'S SHOES.

1896,	14	1,069,167	.....	.....
1897,	14	1,157,650	+88,483	.....
1898,	14	1,255,353	+97,703	.....
1899,	14	1,247,325	—8,028	.....
1900,	14	1,211,885	—35,440	.....
1901,	14	1,288,151	+76,266	.....
1902,	14	1,220,887	—67,264	+151,720

SUSPENDERS.

1896,	2	30,936	.....	.....
1897,	2	33,936	+3,000	.....
1898,	2	41,000	+7,064	.....
1899,	2	61,150	+20,150	.....
1900,	2	76,250	+15,100	.....
1901,	2	61,400	—14,850	.....
1902,	2	76,400	+15,000	+45,464

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	\$121,160	\$	\$
1897,	3	179,336	+58,176
1898,	3	176,383	—2,953
1899,	3	191,909	+15,526
1900,	3	211,921	+20,012	.....
1901,	3	244,900	+32,979	.....
1902,	3	230,151	—14,749	+108,991

FUR AND FELT HATS.

1896,	4	385,170	.....	.....
1897,	4	514,651	+129,481	.....
1898,	4	595,085	+80,834	.....
1899,	4	665,296	+70,211	.....
1900,	4	808,461	+143,165	.....
1901,	4	980,610	+172,149	.....
1902,	4	1,044,685	+64,075	+659,515

WOOL HATS.

1896,	7	125,792	.....	.....
1897,	7	143,074	+17,282	.....
1898,	7	140,773	—2,301	.....
1899,	7	163,164	+22,391	.....
1900,	7	217,479	+54,315	.....
1901,	7	187,791	—29,688	.....
1902,	7	187,747	—44	+61,955

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	\$136,441	\$	\$
1897,	4	170,504	+34,063	.....
1898,	4	135,627	—34,897	.....
1899,	4	144,650	+9,023	.....
1900,	4	135,101	—9,549	.....
1901,	4	144,419	+9,318	.....
1902,	4	139,420	—4,999	+2,979
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	299,043	.....	.....
1897,	8	380,240	+81,197	.....
1898,	8	413,277	+33,037	.....
1899,	8	479,688	+66,411	.....
1900,	8	533,502	+53,814	.....
1901,	8	494,333	—39,169	.....
1902,	8	549,806	+55,473	+250,763
SHIRTS AND SHIRT WAISTS.				
1896,	9	527,371	.....	.....
1897,	9	494,680	—32,691	.....
1898,	9	539,135	+44,455	.....
1899,	9	687,095	+147,960	.....
1900,	9	733,667	+46,572	.....
1901,	9	774,447	+40,780	.....
1902,	9	880,971	+106,524	+253,600

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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NECKWEAR.

1896,	3	\$72,910	\$	\$
1897,	3	62,988	—9,922
1898,	3	68,975	+5,987
1899,	3	73,883	+4,908
1900,	3	69,247	—4,636
1901,	3	57,388	—11,859	.....
1902,	3	55,068	—2,320	—17,842

COTTON AND WOOLEN CLOTHS.

1896,	23	1,403,449	.....	.....
1897,	23	1,618,929	+215,480	.....
1898,	23	1,637,482	+18,553	.....
1899,	23	1,868,224	+230,742	.....
1900,	23	1,919,236	+51,012	.....
1901,	23	1,811,847	—107,389	.....
1902,	23	2,139,586	+327,739	+736,137

CARPETS.

1896,	17	784,416	.....	.....
1897,	17	986,918	+202,502	.....
1898,	17	998,647	+11,729	.....
1899,	17	1,177,796	+179,149	.....
1900,	17	1,162,693	—15,103	.....
1901,	17	1,254,800	+92,107	.....
1902,	17	1,360,511	+105,711	+576,095

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	\$794,137	\$	\$
1897,	16	896,055	+101,918	.....
1898,	16	965,037	+68,982	.....
1899,	16	1,103,648	+138,611	.....
1900,	16	1,111,846	+8,198	.....
1901,	16	1,045,654	—66,192	.....
1902,	16	1,114,087	+68,433	+319,950
WOOLEN AND WORSTED CASSIMERES.				
1896,	10	411,969	.....	.....
1897,	10	514,127	+102,158	.....
1898,	10	557,154	+43,027	.....
1899,	10	658,948	+101,794	.....
1900,	10	679,829	+20,881	.....
1901,	10	682,967	+3,138	.....
1902,	10	979,658	+296,691	+567,689
WOOLEN AND WORSTED FABRICS.				
1896,	15	775,689	.....	.....
1897,	15	1,030,588	+254,899	.....
1898,	15	1,051,196	+20,608	.....
1899,	15	1,201,789	+150,593	.....
1900,	15	1,339,990	+138,201	.....
1901,	15	1,128,409	—211,581	.....
1902,	15	1,358,031	+229,622	+582,342

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
1896,	12	\$411,043	\$	\$
1897,	12	491,209	+80,266	.....
1898,	12	453,110	—38,199	.....
1899,	12	534,400	+81,290	.....
1900,	12	531,083	—3,317	.....
1901,	12	575,371	+44,288	.....
1902,	12	643,316	+67,945	+237,573
RUGS, YARNS, ETC.				
1896,	5	1,011,165	.....	.....
1897,	5	982,533	—28,632	.....
1898,	5	996,501	+13,968	.....
1899,	5	1,172,575	+176,074	.....
1900,	5	1,173,593	+1,018	.....
1901,	5	1,172,743	+6,150	.....
1902,	5	1,322,743	+149,999	+211,573
CARPET YARNS.				
1896,	11	139,053	.....	.....
1897,	11	203,191	+64,138	.....
1898,	11	192,213	—10,978	.....
1899,	11	242,414	+50,199	.....
1900,	11	244,411	+1,997	.....
1901,	11	265,572	+21,161	.....
1902,	11	293,462	+27,890	+106,409

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$188,970	\$	\$
1897,	7	201,809	+12,839	.....
1898,	7	239,109	+37,300	.....
1899,	7	244,291	+5,182	.....
1900,	7	261,937	+17,646	.....
1901,	7	229,243	—32,694	.....
1902,	7	230,644	+1,401	+41,674
WORSTED, WOOLEN AND COT- TCN YARNS.				
1896,	9	371,113	.....	.....
1897,	9	449,711	+78,598	.....
1898,	9	422,540	—27,171	.....
1899,	9	517,252	+94,712	.....
1900,	9	523,490	+6,238	.....
1901,	9	538,758	+15,268	.....
1902,	9	556,250	+17,492	+185,137
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	257,057	.....	.....
1897,	5	264,403	+7,346	.....
1898,	5	350,302	+85,899	.....
1899,	5	322,275	—28,027	.....
1900,	5	323,711	+1,436	.....
1901,	5	299,492	—24,219	.....
1902,	5	326,429	+26,937	+69,372

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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LACE GOODS.

1896,	3	\$193,765	\$	\$
1897,	3	223,436	+29,671
1898,	3	269,910	+46,474
1899,	3	313,641	+43,731
1900,	3	372,460	+58,819	.....
1901,	3	382,726	+10,266	.....
1902,	3	437,716	+54,990	+243,951

CHENILLE GOODS.

1896,	3	138,438	.....	.....
1897,	3	169,224	+30,786	.....
1898,	3	171,041	+1,817	.....
1899,	3	203,598	+32,557	.....
1900,	3	251,665	+48,067	.....
1901,	3	270,854	+19,189	.....
1902,	3	293,469	+22,615	+155,031

UPHOLSTERY GOODS.

1896,	8	587,655	.....	.....
1897,	8	688,105	+100,450	.....
1898,	8	773,396	+85,291	.....
1899,	8	841,194	+67,798	.....
1900,	8	759,917	—81,277	.....
1901,	8	831,100	+71,183	.....
1902,	8	1,023,493	+192,393	+435,838

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Aggregate wages paid.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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KNIT GOODS, UNDERWEAR.

1896,	13	\$611,923	\$	\$
1897,	13	674,072	+62,149
1898,	13	686,552	+12,480
1899,	13	790,868	+104,316	.....
1900,	13	811,968	+21,100	.....
1901,	13	766,663	—45,305	.....
1902,	13	864,904	+98,241	+252,981

HOSIERY.

1896,	31	1,130,215	.....	.....
1897,	31	1,377,150	+246,935	.....
1898,	31	1,483,567	+106,417	.....
1899,	31	1,610,552	+126,985	.....
1900,	31	1,796,880	+186,328	.....
1901,	31	1,874,579	+77,699	.....
1902,	31	2,047,842	+173,263	+917,627

SILK—BROAD GOODS, THROWN
SILK, YARNS, ETC.

1896,	5	543,285	.....	.....
1897,	5	764,088	+220,803	.....
1898,	5	856,927	+92,839	.....
1899,	5	913,571	+56,644	.....
1900,	5	859,311	—54,260	.....
1901,	5	858,580	—731	.....
1902,	5	1,186,106	+327,526	+642,821

AGGREGATE WAGES PAID—Continued.

COMPARISON OF AGGREGATE AMOUNT OF WAGES PAID—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Aggregate wages paid.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIBBONS.				
1896,	2	\$325,323	\$	\$
1897,	2	477,694	+152,371	.....
1898,	2	516,061	+38,367	.....
1899,	2	522,612	+6,551	.....
1900,	2	465,000	—57,612	.....
1901,	2	542,822	+77,822	.....
1902,	2	602,688	+59,866	+277,365
SILK—RIBBONS.				
1896,	4	125,802	.....	.....
1897,	4	187,491	+61,689	.....
1898,	4	213,252	+25,761	.....
1899,	4	217,812	+4,560	.....
1900,	4	221,341	+3,529	.....
1901,	4	313,691	+92,350	.....
1902,	4	447,730	+134,039	+321,928

VALUE OF PRODUCT.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the value of manufactured product by the same establishments for the year 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STEEL CASTINGS.				
1896,	7	\$1,496,056	\$	\$
1897,	7	1,391,020	—105,035	.....
1898,	7	2,098,933	+707,913	.....
1899,	7	2,857,935	+759,002	.....
1900,	7	3,172,100	+314,165	.....
1901,	7	2,542,494	—629,606	.....
1902,	7	3,177,835	+635,341	+1,681,779
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	7,149,210	.....	.....
1897,	4	10,511,198	+3,361,988	.....
1898,	4	10,257,159	—254,039	.....
1899,	4	18,832,437	+8,575,278	.....
1900,	4	14,649,357	—4,183,080	.....
1901,	4	17,992,938	+3,343,581	.....
1902,	4	23,276,586	+5,283,648	+16,127,376
TOOL STEEL				
1896,	3	433,801	.....	.....
1897,	3	270,029	—163,772	.....
1898,	3	445,065	+175,036	.....
1899,	3	479,480	+34,415	.....

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
TOOL STEEL.—Continued.				
1900,	3	\$436,340	—\$43,140	\$
1901,	3	664,097	+227,757	.....
1902,	3	918,130	+254,033	+484,329
IRON AND STEEL FORGINGS.				
1896,	7	366,163	.....	.....
1897,	7	315,364	—50,799	.....
1898,	7	463,025	+147,661	.....
1899,	7	784,254	+321,229	.....
1900, ..	7	745,873	—38,381	.....
1901,	7	754,797	+8,924	.....
1902,	7	930,020	+175,223	+563,857
IRON SPECIALTIES.				
1896,	2	77,966	.....	.....
1897,	2	119,167	+41,201	.....
1898,	2	78,107	—41,060	.....
1899,	2	80,420	+2,313	.....
1900, ...	2	89,724	+9,304	.....
1901,	2	105,750	+16,026	.....
1902,	2	115,495	+9,745	+37,529
MALLEABLE IRON				
1896,	4	1,933,107	.....	.....
1897,	4	1,627,267	—305,840	.....
1898,	4	2,288,315	+661,048	.....
1899,	4	2,807,229	+518,914	.....
1900,	4	2,485,414	—321,815	.....

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MALLEABLE IRON.—Continued.				
1901,	4	\$2,153,732	—\$331,682	\$
1902,	4	2,751,425	+597,693	+818,318
BOLTS, NUTS, ETC.				
1896,	7	1,092,865	.....	.....
1897,	7	970,899	—121,966	.....
1898,	7	1,122,341	+151,442	.....
1899,	7	2,106,142	+983,801	.....
1900,	7	2,310,580	+204,438	.....
1901,	7	2,124,821	—185,759	.....
1902,	7	2,625,000	+500,179	+1,532,135
WIRE NAILS AND RIVETS.				
1896,	4	924,754	.....	.....
1897,	4	1,494,842	+570,088	.....
1898,	4	1,083,291	—411,551	.....
1899,	4	1,803,903	+720,612	.....
1900,	4	1,347,191	—456,712	.....
1901,	4	795,616	—551,575	.....
1902,	4	703,570	—92,046	—221,184
WIRE NAILS, RIVETS, ETC.				
1896,	4	115,749	.....	.....
1897,	4	107,112	—8,637	.....
1898,	4	94,162	—12,950	.....
1899,	4	192,544	+98,482	.....
1900,	4	171,291	—21,353	.....
1901,	4	200,528	+29,237	.....
1902,	4	184,112	—16,416	+68,363

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WIRE.				
1896,	5	\$228,163	\$	\$
1897,	5	222,359	—5,764	.....
1898,	5	267,257	+44,858	.....
1899,	5	310,572	+43,315	.....
1900,	5	452,592	+142,020	.....
1901,	5	459,569	+6,977	.....
1902,	5	438,588	—20,981	+210,425
WIRE ROPE.				
1896,	2	615,004	.....	.....
1897,	2	596,192	—18,812	.....
1898,	2	655,466	+59,274	.....
1899,	2	971,113	+315,652	.....
1900,	2	1,471,284	+500,166	.....
1901,	2	1,693,920	+222,636	.....
1902,	2	1,686,064	—7,856	+1,071,060
WIRE GOODS.				
1896,	5	217,040	.....	.....
1897,	5	259,311	+42,271	.....
1898,	5	323,568	+64,257	.....
1899,	5	396,057	+72,499	.....
1900,	5	342,677	—53,390	.....
1901,	5	376,397	+33,720	.....
1902,	5	365,833	—10,564	+148,793

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896,	5	\$512,166	\$	\$
1897,	5	516,633	+4,467	.....
1898,	5	611,244	+94,611	.....
1899,	5	869,254	+258,010	.....
1900,	5	707,170	—162,084	.....
1901,	5	860,029	+152,859	.....
1902,	5	1,054,198	+194,169	+542,032
SCALES, ETC.				
1896,	4	233,592	.....	.....
1897,	4	249,765	+16,173	.....
1898,	4	263,364	+13,599	.....
1899,	4	346,487	+83,123	.....
1900,	4	375,036	+28,549	.....
1901,	4	400,587	+25,551	.....
1902,	4	405,729	+5,142	+172,137
STOVES, RANGES, HEATERS, ETC.				
1896,	29	4,009,486	.....	.....
1897,	29	4,076,663	+67,177	.....
1898,	29	4,134,160	+57,497	.....
1899,	29	4,945,547	+811,387	.....
1900,	29	5,267,816	+322,269	.....
1901,	29	4,954,554	—313,262	.....
1902,	29	5,320,425	+365,871	+1,310,939

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BATH BOILERS, TANKS, ETC.				
1896,	2	\$61,186	\$	\$
1897,	2	63,699	+2,513	.....
1898,	2	62,102	—1,597	.....
1899,	2	89,691	+27,589	.....
1900,	2	82,639	—7,052	.....
1901,	2	95,958	+13,319	.....
1902,	2	102,545	+6,587	+41,359
HARDWARE SPECIALTIES.				
1896,	13	2,361,910	.....	.....
1897,	13	2,663,530	+301,620	.....
1898,	13	2,805,666	+142,136	.....
1899,	13	3,804,301	+998,635	.....
1900,	13	3,334,120	—470,181	.....
1901,	13	3,618,256	+284,136	.....
1902,	13	4,186,378	+568,122	+1,824,468
EDGE TOOLS.				
1896,	12	1,083,068	.....	.....
1897,	12	781,832	—301,236	.....
1898,	12	1,069,190	+287,358	.....
1899,	12	1,393,284	+324,094	.....
1900,	12	1,618,418	+225,134	.....
1901,	12	1,488,852	—129,566	.....
1902,	12	1,859,060	+370,208	+775,992

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WRENCHES, PICKS, ETC.				
1896,	5	\$363,054	\$	\$
1897,	5	462,043	+98,989	.....
1898,	5	494,058	+32,015	.....
1899,	5	685,497	+191,439	.....
1900, ..	5	690,584	+5,087	.....
1901,	5	713,089	+22,505	.....
1902,	5	684,864	—28,225	+321,810
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	6,983,962	.....	.....
1897,	3	6,534,498	—449,464	.....
1898,	3	8,000,396	+1,465,898	.....
1899,	3	10,020,362	+2,019,966	.....
1900, .	3	11,203,744	+1,183,382	.....
1901,	3	11,622,675	+418,931	.....
1902,	3	11,762,401	+139,726	+4,778,439
WROUGHT IRON PIPE AND TUBES.				
1896,	5	11,907,420	.....	.....
1897,	5	11,341,565	—565,855	.....
1898,	5	14,552,862	+3,211,297	.....
1899,	5	26,160,998	+11,608,136	.....
1900, .	5	21,342,983	—4,818,015	.....
1901,	5	27,381,482	+6,038,499	.....
1902,	5	29,664,392	+2,282,910	+17,756,972

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CAST IRON PIPE.				
1896,	3	\$862,648	\$	\$
1897,	3	1,184,240	+321,592	.....
1898,	3	1,260,038	+75,798	.....
1899,	3	1,350,801	+90,763	.....
1900,	3	1,745,213	+394,412	.....
1901,	3	2,004,285	+259,072	.....
1902,	3	2,207,600	+203,320	+1,344,957
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	2,183,935	.....	.....
1897,	18	1,971,452	—212,483	.....
1898,	18	2,381,695	+410,243	.....
1899,	18	3,520,187	+1,138,492	.....
1900,	18	3,449,758	—70,429	.....
1901,	18	4,035,363	+585,605	.....
1902,	18	4,453,598	+418,235	+2,269,663
IRON AND STEEL BRIDGES.				
1896,	7	3,429,136	.....	.....
1897,	7	3,115,371	—313,765	.....
1898,	7	3,717,213	+601,842	.....
1899,	7	5,095,097	+1,377,884	.....
1900,	7	8,649,413	+3,554,316	.....
1901,	7	6,432,504	—2,216,909	.....
1902,	7	7,947,777	+1,515,273	+4,518,641

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	\$8,792,061	\$	\$
1897,	9	8,531,117	—260,944	.....
1898,	9	12,862,598	+4,331,481	.....
1899,	9	17,572,598	+4,710,000	.....
1900,	9	24,600,085	+7,027,487	.....
1901,	9	27,094,502	+2,494,417	.....
1902,	9	32,801,859	+5,707,357	+24,009,798
ENGINES, BOILERS, ETC.				
1896,	10	3,230,705	.....	.....
1897,	10	2,658,616	—572,089	.....
1898,	10	3,088,737	+430,121	.....
1899,	10	4,574,136	+1,485,399	.....
1900,	10	5,088,689	+514,553	.....
1901,	10	5,100,778	+12,089	.....
1902,	10	5,742,081	+641,303	+2,511,376
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	3,968,546	.....	.....
1897,	10	3,699,377	—269,169	.....
1898,	10	7,261,962	+3,562,585	.....
1899,	10	17,384,428	+10,122,466	.....
1900,	10	28,608,966	+11,224,538	.....
1901,	10	27,091,301	—1,517,665	.....
1902,	10	38,083,264	+10,991,963	+34,114,718

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
IRON VESSELS AND ENGINES.				
1896,	3	\$4,991,255	\$	\$
1897,	3	4,588,448	—402,807	.....
1898,	3	6,635,431	+2,046,983	.....
1899,	3	9,165,761	+2,530,330	.....
1900,	3	12,062,974	+2,897,213	.....
1901,	3	10,619,270	—1,443,704	.....
1902,	3	12,367,771	+1,748,501	+7,376,516
BOILERS, TANKS, STACKS, ETC.				
1896,	21	1,951,211	.....	.....
1897,	21	1,904,346	—46,865	.....
1898,	21	2,455,255	+550,909	.....
1899,	21	3,454,771	+999,516	.....
1900,	21	4,085,048	+630,277	.....
1901,	21	4,758,297	+673,249	.....
1902,	21	5,179,748	+421,451	+3,228,537
MACHINERY.				
1896,	20	5,397,999	.....	.....
1897,	20	5,451,809	+53,810	.....
1898,	20	6,500,975	+1,049,166	.....
1899,	20	8,730,374	+2,229,399	.....
1900,	20	10,067,941	+1,337,567	.....
1901,	20	10,493,408	+425,467	.....
1902,	20	11,823,016	+1,329,608	+6,425,017

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	\$2,643,208	\$	\$
1897,	25	2,965,528	+322,320	.....
1898,	25	3,571,600	+606,072	.....
1899,	25	5,201,285	+1,629,685	.....
1900,	25	5,867,126	+665,841	.....
1901,	25	5,911,565	+44,439	.....
1902,	25	7,516,312	+1,604,747	+4,873,104
FILES, ETC.				
1896,	2	321,222	.....	.....
1897,	2	329,533	+8,311	.....
1898,	2	400,465	+70,932	.....
1899,	2	456,967	+56,502	.....
1900,	2	477,377	+20,410	.....
1901,	2	589,335	+111,958	.....
1902,	2	611,916	+22,581	+290,694
SAWS.				
1896,	3	88,186	.....	.....
1897,	3	71,437	—16,749	.....
1898,	3	76,338	+4,901	.....
1899,	3	83,624	+7,286	.....
1900,	3	132,105	+48,481	.....
1901,	3	128,426	—3,679	.....
1902,	3	131,473	+3,047	+43,287

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1902 as compared with 1896.
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PLUMBER SUPPLIES.

1896,	3	\$1,078,000	\$	\$
1897,	3	962,000	—116,000
1898,	3	1,097,058	+135,058
1899,	3	1,436,661	+339,603	.....
1900,	3	1,301,478	—135,183	.....
1901,	3	1,431,561	+130,083	.....
1902,	3	1,611,691	+180,130	+533,691

ELECTRICAL SUPPLIES.

1896,	4	3,653,461	.....	.....
1897,	4	3,463,804	—189,657	.....
1898,	4	6,821,374	+3,357,570	.....
1899,	4	11,462,408	+4,641,034	.....
1900,	4	15,447,949	+3,985,541	.....
1901,	4	16,297,597	+849,648	.....
1902,	4	18,918,428	+2,620,831	+15,264,967

SHOVELS, SPADES, SCOOPS,
ETC.

1896,	8	813,573	.....	.....
1897,	8	803,048	—10,525	.....
1898,	8	997,314	+194,266	.....
1899,	8	1,493,946	+496,632	.....
1900,	8	1,134,772	—359,174	.....
1901,	8	1,612,469	+477,697	.....
1902,	8	1,617,140	+4,671	+803,567

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAFES AND VAULT DOORS.				
1896,	2	\$151,546	\$	\$
1897,	2	157,476	+5,930	.....
1898,	2	153,085	—4,391	.....
1899,	2	156,773	+3,688	.....
1900,	2	508,936	+352,163	.....
1901,	2	333,538	—175,398	.....
1902,	2	373,524	+39,986	+221,978
METAL AND METALLIC GOODS.				
1896,	3	161,989	.....	.....
1897,	3	184,101	+22,112	.....
1898,	3	207,496	+23,395	.....
1899,	3	300,978	+93,482	.....
1900,	3	334,973	+33,995	.....
1901,	3	344,926	+9,953	.....
1902,	3	307,438	—37,488	+145,449
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	1,195,156	.....	.....
1897,	2	1,249,288	+54,132	.....
1898,	2	2,057,639	+808,351	.....
1899,	2	2,157,573	+99,934	.....
1900,	2	4,572,828	+2,415,255	.....
1901,	2	6,403,461	+1,830,633	.....
1902,	2	5,730,246	—673,215	+4,535,090

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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IRON CHAINS.

1896,	5	\$331,059	\$	\$
1897,	5	336,049	+4,990
1898,	5	409,304	+73,255
1899,	5	584,109	+174,805
1900,	5	508,450	—75,659	.....
1901,	5	561,193	+52,743	.....
1902,	5	1,091,064	+529,871	+760,005

IRON FENCES AND RAILINGS.

1896,	7	119,501	.....	.....
1897,	7	145,641	+26,140	.....
1898,	7	187,059	+41,418	.....
1899,	7	260,498	+73,439	.....
1900,	7	306,812	+46,314	.....
1901,	7	379,015	+72,203	.....
1902,	7	635,917	+256,902	+516,416

AGRICULTURAL IMPLEMENTS.

1896,	11	2,227,494	.....	.....
1897,	11	2,400,324	+172,830	.....
1898,	11	2,805,496	+405,172	.....
1899,	11	3,132,514	+327,018	.....
1900,	11	3,122,618	—9,896	.....
1901,	11	3,380,430	+257,812	.....
1902,	11	3,684,650	+304,220	+1,457,156

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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STEAM PUMPS.

1896,	2	\$334,056	\$	\$
1897,	2	249,488	—84,568
1898,	2	313,511	+64,023
1899,	2	411,714	+98,203
1900,	2	645,011	+233,297	.....
1901,	2	411,468	—233,543	.....
1902,	2	497,452	+85,984	+163,396

BICYCLES.

1896,	3	606,001	.....	.....
1897,	3	645,714	+39,713	.....
1898,	3	683,862	+38,148	.....
1899,	3	523,870	—159,992	.....
1900,	3	377,368	—146,502	.....
1901,	3	197,218	—180,150	.....
1902,	2	220,687	+23,469	—385,314

PIANOS AND ORGANS.

1896,	2	94,327	.....	.....
1897,	2	95,599	+1,272	.....
1898,	2	136,971	+41,372	.....
1899,	2	178,679	+41,708	.....
1900,	2	205,621	+26,942	.....
1901,	2	197,752	—7,869	.....
1902,	2	206,934	+9,182	+112,607

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase(+) or decrease (—) 1902 as compared with 1896.
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TINWARE.

1896,	5	\$477,000	\$	\$
1897,	5	467,000	—10,000
1898,	5	469,200	+2,200
1899,	5	545,475	+76,275
1900,	5	554,813	+9,338	.....
1901,	5	639,243	+84,430	.....
1902,	5	870,087	+230,844	+393,087

PAPER MANUFACTORIES.

1896,	8	3,370,998	.....	.....
1897,	8	3,310,376	—60,622	.....
1898,	8	3,315,552	+5,176	.....
1899,	8	4,254,182	+938,630	.....
1900,	8	4,671,243	+417,061	.....
1901,	8	4,567,498	—103,745	.....
1902,	8	5,062,019	+494,521	+1,691,021

WALL PAPER.

1896,	3	709,613	.....	.....
1897,	3	813,000	+103,387	.....
1898,	3	939,901	+126,901	.....
1899,	3	1,030,190	+90,289	.....
1900,	3	964,084	—66,106	.....
1901,	3	866,365	—97,719	.....
1902,	3	870,074	+3,709	+60,461

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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CIGARS.

1896,	46	\$7,138,707	\$	\$
1897,	46	8,100,451	+961,744
1898,	46	8,866,424	+765,973
1899,	46	9,676,533	+810,109
1900,	46	10,362,696	+686,163	.....
1901,	46	10,344,882	—17,814	.....
1902,	46	11,497,597	+1,152,715	+4,358,890

BOOK BINDING.

1896,	3	167,856	.....	.....
1897,	3	162,373	—5,483	.....
1898,	3	180,567	+18,194	.....
1899,	3	208,527	+27,960	.....
1900,	3	217,460	+8,933	.....
1901,	3	236,637	+19,177	.....
1902,	3	230,513	—6,124	+62,657

CORDAGE, ROPE AND TWINE.

1896,	5	4,777,490	.....	.....
1897,	5	4,713,313	—64,177	.....
1898,	5	4,947,813	+234,500	.....
1899,	5	6,219,058	+1,271,245	.....
1900,	5	6,922,914	+703,856	.....
1901,	5	7,446,401	+523,487	.....
1902,	5	7,715,056	+268,655	+2,937,566

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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PAPER, PAPER BOXES, ENVELOPES, ETC.

1896,	26	\$1,985,909	\$	\$
1897,	26	2,017,254	+31,345
1898,	26	2,247,556	+230,302
1899,	26	2,434,029	+186,473	.....
1900,	26	2,478,934	+44,905	.....
1901,	26	2,452,806	—26,128	.....
1902,	26	2,695,396	+242,590	+709,487

POTTERY.

1896,	2	206,732	.....	.....
1897,	2	192,167	—14,565	.....
1898,	2	226,326	+34,159	.....
1899,	2	244,254	+17,928	.....
1900,	2	232,121	—12,133	.....
1901,	2	246,060	+13,939	.....
1902,	2	200,666	—45,394	—6,066

PAVING BRICK.

1896,	7	333,078	.....	.....
1897,	7	348,220	+15,142	.....
1898,	7	367,395	+19,175	.....
1899,	7	416,263	+48,868	.....
1900,	7	604,307	+188,044	.....
1901,	7	412,809	—191,498	.....
1902,	7	598,704	+185,895	+265,626

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING BRICK.				
1896,	33	\$1,486,354	\$	\$
1897,	33	1,464,720	—21,634	.....
1898,	33	1,437,767	—26,953	.....
1899,	33	1,627,722	+189,955	.....
1900,	33	1,555,432	—72,290	.....
1901,	33	1,692,119	+136,687	.....
1902,	33	1,984,911	+292,792	+498,557
FIRE BRICK.				
1896,	17	1,639,926	.....	.....
1897,	17	1,570,074	—69,852	.....
1898,	17	1,915,392	+345,318	.....
1899,	17	2,486,398	+571,006	.....
1900,	17	3,560,462	+1,074,064	.....
1901,	17	3,221,632	—338,830	.....
1902,	17	4,225,554	+1,003,922	+2,585,628
SLATE ROOFING, ETC., TON- NAGE.				
1896,	6	390,376	.....	.....
1897,	6	515,919	+125,543	.....
1898,	6	537,702	+21,783	.....
1899,	6	467,112	—70,590	.....
1900,	6	520,415	+53,303	.....
1901,	6	729,002	+208,587	.....
1902,	6	768,971	+39,969	+378,595

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase(+) or decrease(—) 1902 as compared with 1896.
SLATE ROOFING, ETC., SQUARES.				
1896,	14	\$590,366	\$	\$
1897,	14	726,445	+136,079	.....
1898,	14	756,997	+30,552	.....
1899,	14	930,606	+173,609	.....
1900,	14	888,733	—41,867	.....
1901,	14	967,230	+78,497	.....
1902,	14	1,035,345	+68,115	+444,979
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	5,925,623	.....	.....
1897,	21	6,671,780	+746,157	.....
1898,	21	7,676,802	+1,005,022	.....
1899,	21	9,256,723	+1,579,921	.....
1900,	21	10,046,883	+790,160	.....
1901,	21	8,674,560	—1,372,323	.....
1902,	21	9,723,592	+1,049,032	+3,797,969
GLAZED AND CHROME KID.				
1896,	7	8,049,657	.....	.....
1897,	7	10,649,292	+2,599,635	.....
1898,	7	12,691,322	+2,042,030	.....
1899,	7	16,342,644	+3,651,322	.....
1900,	7	15,059,504	—1,283,140	.....
1901,	7	19,364,997	+4,305,493	.....
1902,	7	17,482,809	—1,882,188	+9,433,152

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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MEN'S, WOMEN'S, MISSES AND
CHILDREN'S SHOES.

1896,	14	\$4,460,249	\$	\$
1897,	14	4,723,822	+263,573
1898,	14	5,157,413	+433,591	.....
1899,	14	5,191,146	+33,733	.....
1900,	14	5,173,651	—17,495	.....
1901,	14	5,413,218	+239,567	.....
1902,	14	5,505,050	+91,832	+1,044,801

SUSPENDERS.

1896,	2	319,100	.....	.....
1897,	2	349,100	+30,000	.....
1898,	2	391,500	+42,400	.....
1899,	2	483,250	+91,750	.....
1900,	2	624,000	+140,750	.....
1901,	2	701,000	+77,000	.....
1902,	2	755,400	+54,400	+436,300

HATS AND CAPS.

1896,	3	525,607	.....	.....
1897,	3	782,060	+256,453	.....
1898,	3	737,149	—44,911	.....
1899,	3	698,891	—38,258	.....
1900,	3	901,917	+203,026	.....
1901,	3	1,046,651	+144,734	.....
1902,	3	988,678	—57,973	+463,071

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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FUR AND FELT HATS.

1896,	4	\$1,447,818	\$	\$
1897,	4	1,558,607	+110,789
1898,	4	1,731,063	+172,456
1899,	4	2,020,731	+289,668	.....
1900,	4	2,494,914	+474,183	.....
1901,	4	2,954,738	+459,824	.....
1902,	4	3,171,734	+216,996	+1,723,926

WOOL HATS.

1896,	7	521,966	.....	.....
1897,	7	649,061	+127,095	.....
1898,	7	636,904	—12,157	.....
1899,	7	746,186	+109,282	.....
1900,	7	931,034	+184,848	.....
1901,	7	788,215	—142,819	.....
1902,	7	809,122	+20,907	+287,156

UMBRELLAS AND PARASOLS.

1896,	4	1,109,989	.....	.....
1897,	4	1,185,705	+75,716	.....
1898,	4	1,156,372	—29,333	.....
1899,	4	1,231,088	+74,716	.....
1900,	4	1,134,223	—96,865	.....
1901,	4	1,243,643	+109,420	.....
1902,	4	1,119,932	—123,711	+9,943

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	\$1,218,500	\$	\$
1897,	8	1,471,696	+253,196	.....
1898,	8	1,708,275	+236,579	.....
1899,	8	2,085,395	+377,120	.....
1900,	8	2,195,940	+110,545	.....
1901,	8	2,034,319	—161,621	.....
1902,	8	2,123,892	+89,573	+905,392
SHIRTS AND SHIRT WAISTS.				
1896,	9	2,105,007	.....	.....
1897,	9	1,953,771	—151,236	.....
1898,	9	2,186,983	+233,212	.....
1899,	9	2,667,418	+480,435	.....
1900,	9	2,808,677	+141,259	.....
1901,	9	2,886,635	+77,958	.....
1902,	9	3,238,641	+352,006	+1,133,634
NECKWEAR.				
1896,	3	381,745	.....	.....
1897,	3	353,886	—27,859	.....
1898,	3	375,689	+21,803	.....
1899,	3	437,720	+62,041	.....
1900,	3	414,292	—23,428	.....
1901,	3	359,704	—54,588	.....
1902,	3	322,700	—37,004	—59,045

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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COTTON AND WOOLEN CLOTHS.

1896,	23	\$5,364,181	\$	\$
1897,	23	6,302,337	+938,156
1898,	23	6,421,073	+118,736
1899,	23	7,994,359	+1,573,286	.....
1900,	23	7,783,908	—210,451	.....
1901,	23	7,600,125	—183,783	.....
1902,	23	8,859,676	+1,259,551	+3,495,495

CARPETS.

1896,	17	3,632,760	.....	.....
1897,	17	4,544,385	+911,625	.....
1898,	17	4,823,328	+278,943	.....
1899,	17	5,940,777	+1,117,449	.....
1900,	17	5,790,677	—150,100	.....
1901,	17	6,553,397	+762,720	.....
1902,	17	7,145,955	+592,558	+3,513,195

COTTON GOODS.

1896,	16	2,680,912	.....	.....
1897,	16	2,998,724	+317,812	.....
1898,	16	3,104,170	+105,446	.....
1899,	16	3,533,249	+429,079	.....
1900,	16	3,724,764	+191,515	.....
1901,	16	3,682,324	—42,440	.....
1902,	16	3,822,306	+139,982	+1,141,394

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WOOLEN AND WORSTED CASSI- MERES.				
1896,	10	\$1,932,777	\$	\$
1897,	10	2,561,227	+628,450	.....
1898,	10	2,760,158	+198,931	.....
1899,	10	3,492,388	+732,230	.....
1900,	10	3,374,548	—117,840	.....
1901,	10	3,811,108	+436,560	.....
1902,	10	4,294,507	+483,399	+2,361,730
WOOLEN AND WORSTED FABRICS.				
1896,	15	3,764,013	.....	.....
1897,	15	5,160,807	+396,794	.....
1898,	15	5,258,366	+97,559	.....
1899,	15	6,012,494	+754,128	.....
1900,	15	6,967,156	+954,662	.....
1901,	15	6,145,509	—791,647	.....
1902,	15	7,438,657	+1,263,148	+3,674,644
WOOLEN AND WORSTED YARNS.				
1896,	12	2,012,851	.....	.....
1897,	12	3,111,819	+1,098,968	.....
1898,	12	3,819,936	+708,117	.....
1899,	12	5,256,352	+1,436,416	.....
1900,	12	4,239,957	—1,016,395	.....
1901,	12	4,487,135	+247,178	.....
1902,	11	5,495,528	+1,008,393	+3,482,677

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase (+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
RUGS, YARNS, ETC.				
1896,	5	\$4,087,237	\$	\$
1897,	5	4,031,915	—55,322	.....
1898,	5	3,931,652	—100,263	.....
1899,	5	4,504,288	+572,636	.....
1900,	5	4,552,504	+48,216	.....
1901,	5	4,241,326	—311,178	.....
1902,	5	5,261,138	+1,019,812	+1,173,901
CARPET YARNS.				
1896,	11	1,213,783	.....	.....
1897,	11	1,749,051	+535,268	.....
1898,	11	1,302,256	—446,795	.....
1899,	11	1,758,794	+456,538	.....
1900,	11	1,737,441	—21,353	.....
1901,	11	1,797,185	+59,744	.....
1902,	11	1,969,976	+172,791	+756,193
COTTON YARNS.				
1896,	7	1,137,430	.....	.....
1897,	7	1,147,331	+9,901	.....
1898,	7	1,245,952	+98,621	.....
1899,	7	1,333,579	+87,627	.....
1900,	7	1,568,971	+235,392	.....
1901,	7	1,328,065	—240,906	.....
1902,	7	1,285,985	—42,080	+148,555

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
WORSTED, WOOLEN AND COT- TON YARNS.				
1896,	9	\$2,017,791	\$	\$
1897,	9	2,851,012	+833,221	.....
1898,	9	2,462,405	—388,607	.....
1899,	9	3,647,317	+1,184,912	.....
1900,	9	3,874,415	+227,098	.....
1901,	9	3,742,286	—132,129	.....
1902,	9	4,275,953	+533,667	+2,258,162
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	1,282,412	.....	.....
1897,	5	1,221,499	—60,913	.....
1898,	5	2,107,398	+885,899	.....
1899,	5	1,633,499	—473,899	.....
1900,	5	1,676,132	+42,633	.....
1901,	5	1,670,231	—5,901	.....
1902,	5	1,892,901	+22,670	+610,489
LACE GOODS.				
1896,	3	909,289	.....	.....
1897,	3	1,086,945	+177,656	.....
1898,	3	1,219,698	+132,753	.....
1899,	3	1,307,879	+88,181	.....
1900,	3	1,337,964	+30,085	.....
1901,	3	1,432,392	+94,428	.....
1902,	3	1,680,672	+248,280	+771,383

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896
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CHENILLE GOODS.

1896,	3	\$502,678	\$	\$
1897,	3	573,450	+70,772
1898,	3	591,280	+17,830
1899,	3	664,622	+73,342
1900,	3	728,013	+63,391	.....
1901,	3	791,504	+63,491	.....
1902,	3	894,790	+103,286	+392,112

UPHOLSTERY GOODS.

1896,	8	2,412,495	.....	.....
1897,	8	2,632,361	+219,866	.....
1898,	8	2,883,474	+251,113	.....
1899,	8	3,305,761	+422,287	.....
1900,	8	2,871,625	—434,136	.....
1901,	8	3,033,862	+162,237	.....
1902,	8	3,706,659	+672,797	+294,164

KNIT GOODS, UNDERWEAR.

1896,	13	2,978,552	.....	.....
1897,	13	3,338,148	+359,596	.....
1898,	13	3,493,036	+154,888	.....
1899,	13	3,851,935	+358,899	.....
1900,	13	4,330,995	+479,060	.....
1901,	13	3,950,409	—380,586	.....
1902,	13	3,968,202	+17,793	—989,650

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
HOSIERY.				
1896,	31	\$3,744,935	\$	\$
1897,	31	4,518,589	+773,654	.....
1898,	31	4,880,155	+361,566	.....
1899,	31	5,239,702	+359,547	.....
1900,	31	5,816,615	+576,913	.....
1901,	31	6,082,610	+265,995	.....
1902,	31	6,447,718	+365,108	+2,702,783
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	3,288,568	.....	.....
1897,	5	4,705,925	+417,357	.....
1898,	5	5,418,662	+712,737	.....
1899,	5	6,786,912	+1,368,250	.....
1900,	5	6,205,109	—581,803	.....
1901,	5	5,615,619	—589,490	.....
1902,	5	7,842,831	+2,227,212	+4,554,263
SILK—BROAD GOODS AND RIBBONS.				
1896,	2	1,450,181	.....	.....
1897,	2	2,371,966	+921,785	.....
1898,	2	2,898,933	+526,967	.....
1899,	2	3,112,400	+213,467	.....
1900,	2	2,784,047	—328,353	.....
1901,	2	3,207,575	+423,528	.....
1902,	2	3,703,873	+496,298	+2,253,692

VALUE OF PRODUCT—Continued.

COMPARISON OF VALUE OF MANUFACTURED PRODUCT—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—RIBBONS.				
1896,	4	\$705,120	\$	\$
1897,	4	895,892	+190,772	.....
1898,	4	1,067,823	+171,931	.....
1899,	4	1,038,299	—29,524	.....
1900,	4	1,094,713	+56,414	.....
1901,	4	1,419,536	+324,823	.....
1902,	4	2,183,104	+763,568	+1,477,984

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the value of average annual product per employee by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STEEL CASTINGS.				
1896,	7	\$1,472 49	\$	\$
1897,	7	1,302 45	—170 04	.....
1898,	7	1,539 94	+237 49	.....
1899,	7	1,676 21	+136 27	.....
1900,	7	1,822 00	+145 79	.....
1901,	7	1,720 23	—101 77	.....
1902,	7	1,897 21	+176 98	+424 72
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	5,135 93	.....	.....
1897,	4	8,224 72	+3,088 79	.....
1898,	4	6,954 01	—1,270 71	.....
1899,	4	10,450 85	+3,496 84	.....
1900,	4	8,709 49	—1,741 36	.....
1901,	4	9,789 41	+1,079 92	.....
1902,	4	7,466 71	—2,322 70	+2,330 78
TOOL STEEL.				
1896,	3	2,711 26	.....	.....
1897,	3	1,698 30	—1,012 96	.....
1898,	3	2,079 74	+381 44	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1902 as compared with 1896.
TOOL STEEL—Continued.				
1899,	3	\$2,294 16	+\$214 42	\$
1900,	3	3,305 61	+1,011 45	.....
1901,	3	3,976 63	+671 02	.....
1902,	3	4,310 47	+333 84	+1,599 21
IRON AND STEEL FORGINGS.				
1896,	7	1,047 89	.....	.....
1897,	7	1,292 28	+244 39	.....
1898,	7	1,456 05	+163 77	.....
1899,	7	1,985 45	+529 40	.....
1900,	7	1,942 38	—43 07	.....
1901,	7	1,565 97	—356 41	.....
1902,	7	1,681 77	+115 80	+633 88
IRON SPECIALTIES.				
1896,	2	2,107 19	.....	.....
1897,	2	2,648 16	+540 97	.....
1898,	2	2,231 63	—416 53	.....
1899,	2	2,594 20	+362 57	.....
1900,	2	2,136 39	—457 81	.....
1901,	2	1,995 28	—141 11	.....
1902,	2	2,026 23	+30 95	—80 96
MALLEABLE IRON.				
1896,	4	1,227 37	.....	.....
1897,	4	1,159 02	—68 35	.....
1898,	4	1,395 31	+236 29	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MALLEABLE IRON.—Continued.

1899,	4	\$1,533 17	+\$137 86	\$
1900,	4	1,487 38	—45 79
1901,	4	1,130 57	—256 81
1902,	2	1,270 28	+139 71	+42 91

BOLTS, NUTS, ETC.

1896,	7	1,457 15	.....	.....
1897,	7	1,326 36	—130 79	.....
1898,	7	1,453 81	+127 45	.....
1899,	7	2,040 83	+587 02	.....
1900,	7	2,221 71	+180 88	.....
1901,	7	1,647 15	—574 56	.....
1902,	7	1,921 67	+274 52	+464 52

WIRE NAILS, RIVETS, ETC.

1896,	4	1,853 21	.....	.....
1897,	4	2,321 18	+467 97	.....
1898,	4	1,661 58	—659 60	.....
1899,	4	2,488 14	+826 56	.....
1900,	4	1,659 10	—829 04	.....
1901,	4	3,120 06	+1,460 96	.....
1902,	4	2,654 98	—465 08	+801 77

TACKS AND SMALL NAILS.

1896,	4	980 92	.....	.....
1897,	4	939 58	—41 34	.....
1898,	4	1,384 73	+445 15	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.— Continued.

1899,	4	\$1,219 27	—\$165 46	\$
1900,	4	1,214 83	—4 44
1901,	4	1,412 17	+197 34
1902,	4	1,416 25	+4 08	+435 33

WIRE.

1896,	5	2,352 20	.....	.....
1897,	5	2,118 09	—234 11	.....
1898,	5	2,190 63	+72 54	.....
1899,	5	1,914 47	—276 16	.....
1900,	5	1,781 85	—132 62	.....
1901,	5	1,781 28	—57	.....
1902,	5	1,699 95	—81 33	—652 35

WIRE ROPE.

1896,	2	3,892 43	.....	.....
1897,	2	3,591 52	—300 91	.....
1898,	2	3,449 82	—141 70	.....
1899,	2	4,185 85	+736 03	.....
1900,	2	4,302 00	+116 15	.....
1901,	2	4,310 23	+8 23	.....
1902,	2	3,995 41	—314 82	+102 98

WIRE GOODS.

1896,	5	1,118 66	.....	.....
1897,	5	1,206 10	+87 44	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WIRE GOODS.—Continued.

1898,	5	\$1,419 16	+\$213 06	\$
1899,	5	1,541 11	+121 95
1900,	5	1,647 49	+106 38
1901,	5	1,555 36	—92 13	.....
1902,	5	1,655 35	+99 99	+536 69

WAGON AND CARRIAGE AXLES AND SPRINGS.

1896,	5	1,580 76	.....	.....
1897,	5	1,589 64	+8 88	.....
1898,	5	1,612 78	+23 14	.....
1899,	5	1,853 42	+240 64	.....
1900,	5	1,571 49	—281 93	.....
1901,	5	1,438 18	—133 31	.....
1902,	5	1,484 79	+46 61	—95 97

SCALES, ETC.

1896,	4	2,067 18	.....	.....
1897,	4	2,047 25	—19 93	.....
1898,	4	1,965 40	—81 85	.....
1899,	4	2,179 18	+213 78	.....
1900,	4	2,118 85	—60 33	.....
1901,	4	2,189 00	+70 15	.....
1902,	4	2,318 45	+129 45	+251 27

STOVES, RANGES, HEATERS, ETC.

1896,	29	1,192 62	.....	.....
1897,	29	1,178 91	—13 71	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.—Continued.				
1898,	29	\$1,165 54	—\$13 37	\$
1899,	29	1,369 20	+203 66	.....
1900,	29	1,432 25	+63 05	.....
1901,	29	1,341 61	—90 64	.....
1902,	29	1,418 40	+76 79	+225 78
BATH BOILERS, TANKS, ETC.				
1896,	2	2,353 31	.....	.....
1897,	2	2,274 97	—78 34	.....
1898,	2	1,940 69	—334 28	.....
1899,	2	1,993 13	+52 44	.....
1900,	2	2,174 71	+181 58	.....
1901,	2	2,180 86	+6 15	.....
1902,	2	2,441 55	+260 69	+88 24
HARDWARE SPECIALTIES.				
1896,	13	970 77	.....	.....
1897,	13	1,034 38	+63 61	.....
1898,	13	996 00	—38 38	.....
1899,	13	1,170 55	+174 55	.....
1900,	13	1,073 79	—96 76	.....
1901,	13	1,166 80	+93 01	.....
1902,	13	1,200 22	+33 42	+229 45
EDGE TOOLS.				
1896,	12	1,324 04	.....	.....
1897,	12	945 38	—378 66	.....

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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EDGE TOOLS.—Continued.

1898,	12	\$1,217 76	+\$272 38	\$
1899,	12	1,368 65	+150 89
1900,	12	1,502 71	+134 06
1901,	12	1,357 20	—145 51	.....
1902,	12	1,547 93	+190 73	+223 89

WRENCHES, PICKS, ETC.

1896,	5	1,463 93	.....	.....
1897,	5	1,576 94	+113 01	.....
1898,	5	1,816 39	+239 45	.....
1899,	5	2,010 26	+193 87	.....
1900,	5	1,789 08	—221 18	.....
1901,	5	1,997 45	+208 37	.....
1902,	5	2,094 38	+96 93	+630 45

LOCOMOTIVES AND CARS BUILT AND REPAIRED.

1896,	3	1,116 72	.....	.....
1897,	3	1,138 02	+21 30	.....
1898,	3	1,341 22	+203 20	.....
1899,	3	1,505 69	+164 47	.....
1900,	3	1,559 32	+53 63	.....
1901,	3	1,550 10	—9 22	.....
1902,	3	1,423 84	—126 26	+307 12

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—

Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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WROUGHT IRON PIPE AND
TUBES.

1896,	5	\$2,236 56	\$	\$
1897,	5	2,219 49	-17 07
1898,	5	2,556 27	+336 78
1899,	5	2,988 46	+432 19	.....
1900,	5	3,937 82	+949 36	.....
1901,	5	4,165 12	+227 30	.....
1902,	5	4,614 87	+449 75	+2,378 31

CAST IRON PIPE.

1896,	3	1,701 48	.....	.....
1897,	3	1,925 59	+224 11	.....
1898,	3	1,828 79	-96 80	.....
1899,	3	1,825 41	-3 38	.....
1900,	3	2,189 73	+364 32	.....
1901,	3	2,383 22	+193 49	.....
1902,	3	2,564 00	+180 78	+862 52

BRASS, COPPER AND BRONZE
GOODS.

1896,	18	1,847 67	.....	.....
1897,	18	1,706 88	-140 79	.....
1898,	18	1,833 48	+126 60	.....
1899,	18	2,383 33	+549 85	.....
1900,	18	2,228 53	-154 80	.....
1901,	18	2,333 93	+105 40	.....
1902,	18	2,464 64	+130 71	+616 97

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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IRON AND STEEL BRIDGES.

1896,	7	\$2,933 39	\$	\$
1897,	7	2,646 87	—286 52
1898,	7	2,612 24	—34 63
1899,	7	3,032 80	+420 56	.....
1900,	7	3,873 45	+840 65	.....
1901,	7	3,098 51	—774 94	.....
1902,	7	3,513 61	+415 10	+580 22

LOCOMOTIVES, STATIONARY
ENGINES, ETC.

1896,	9	1,573 66	.....	.....
1897,	9	1,509 67	—63 99	.....
1898,	9	1,614 48	+104 81	.....
1899,	9	1,788 20	+173 72	.....
1900,	9	2,049 49	+261 29	.....
1901,	9	2,037 49	—12 00	.....
1902,	9	2,099 86	+62 37	+526 20

ENGINES, BOILERS, ETC.

1896,	10	1,680 91	.....	.....
1897,	10	1,573 15	—107 76	.....
1898,	10	1,622 24	+49 09	.....
1899,	10	2,114 72	+492 48	.....
1900,	10	2,144 41	+29 69	.....
1901,	10	2,013 73	—130 68	.....
1902,	10	2,179 99	+166 26	+499 08

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	\$1,923 68	\$	\$
1897,	10	1,735 98	—187 70	.....
1898,	10	2,503 14	+767 16	.....
1899,	10	2,852 71	+349 57	.....
1900,	10	3,230 10	+377 39	.....
1901,	10	2,870 14	—359 96	.....
1902,	10	3,914 81	+1,044 67	+1,991 13
IRON VESSELS AND ENGINES.				
1896,	3	1,234 24	.....	.....
1897,	3	1,331 14	+96 90	.....
1898,	3	1,232 34	—98 80	.....
1899,	3	1,481 22	+248 88	.....
1900,	3	1,806 65	+325 43	.....
1901,	3	1,694 24	—112 41	.....
1902,	3	1,883 98	+189 74	+649 74
BOILERS, TANKS, STACKS, ETC.				
1896,	21	1,680 63	.....	.....
1897,	21	1,688 25	+7 62	.....
1898,	21	1,771 47	+83 22	.....
1899,	21	2,123 40	+351 93	.....
1900,	21	2,113 32	—10 08	.....
1901,	21	2,228 71	+115 39	.....
1902,	21	2,135 20	—93 51	+454 57

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	\$1,450 69	\$	\$
1897,	20	1,414 95	—35 74	.....
1898,	20	1,466 16	+51 21	.....
1899,	20	1,550 68	+84 52	.....
1900,	20	1,650 48	+99 80	.....
1901,	20	1,654 59	+4 11	.....
1902,	20	1,714 97	+60 38	+264 28
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	1,242 69	... . .	.....
1897,	25	1,411 48	+168 79	.....
1898,	25	1,459 58	+48 10	.....
1899,	25	1,675 67	+216 09	.....
1900,	25	1,831 19	+155 52	.....
1901,	25	1,632 12	—199 07	.....
1902,	25	1,809 41	+177 29	+566 72
FILES, ETC.				
1896,	2	970 46	.....	.....
1897,	2	952 40	—18 06	.....
1898,	2	1,085 27	+132 87	.....
1899,	2	1,159 81	+74 54	.....
1900,	2	1,131 23	—28 58	.....
1901,	2	1,420 09	+288 86	.....
1902,	2	1,474 50	+54 41	+504 04

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAWS.				
1896,	3	\$1,574 75	\$	\$
1897,	3	1,428 75	—146 00	.....
1898,	3	1,624 21	+195 46	.....
1899,	3	1,779 23	+155 02	.....
1900,	3	2,359 02	+579 79	.....
1901,	3	2,253 09	—105 93	.....
1902,	3	2,390 42	+137 33	+816 87
PLUMBER SUPPLIES.				
1896,	3	1,122 92	.....	.....
1897,	3	1,044 52	—78 40	.....
1898,	3	1,136 85	+92 33	.....
1899,	3	1,373 48	+236 63	.....
1900,	3	1,241 87	—131 61	.....
1901,	3	1,318 19	+76 32	.....
1902,	3	1,449 36	+131 17	+326 44
ELECTRICAL SUPPLIES.				
1896,	4	1,445 20	.....	.....
1897,	4	1,594 02	+148 82	.....
1898,	4	1,949 52	+355 50	.....
1899,	4	2,211 11	+261 59	.....
1900,	4	2,487 59	+276 48	.....
1901,	4	2,259 79	—227 80	.....
1902,	4	2,263 78	+3 99	+818 58

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$1,492 80	\$	\$
1897,	8	1,571 52	+78 72	.....
1898,	8	1,888 85	+317 33	.....
1899,	8	2,653 55	+764 70	.....
1900,	8	2,133 03	—520 52	.....
1901,	8	2,723 76	+590 73	.....
1902,	8	2,629 50	—94 26	+1,136 70
SAFES AND VAULT DOORS.				
1896,	2	1,183 95	.....	.....
1897,	2	1,259 81	+75 86	.....
1898,	2	1,265 17	+5 36	.....
1899,	2	1,306 44	+41 27	.....
1900,	2	1,432 10	+125 66	.....
1901,	2	1,489 00	+56 90	.....
1902,	2	1,500 10	+11 10	+316 15
METAL AND METALLIC GOODS.				
1896,	3	834 99	.....	.....
1897,	3	889 37	+54 38	.....
1898,	3	922 20	+32 83	.....
1899,	3	1,118 88	+196 68	.....
1900,	3	1,127 85	+8 97	.....
1901,	3	1,368 75	+240 90	.....
1902,	3	1,244 69	—124 06	+409 70

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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BUILDING AND STRUCTURAL
IRON WORK.

1896,	2	\$1,589 30	\$	\$
1897,	2	1,887 14	+297 84
1898,	2	2,446 66	+559 52
1899,	2	1,739 98	—706 68	.....
1900,	2	2,725 17	+985 19	.....
1901,	2	2,801 16	+75 99	.....
1902,	2	2,361 04	—440 12	+771 74

IRON CHAINS.

1896,	5	1,433 15	.....	.....
1897,	5	1,456 06	+22 91	.....
1898,	5	1,521 58	+65 52	.....
1899,	5	1,953 54	+431 96	.....
1900,	5	1,925 95	—27 59	.....
1901,	5	1,948 59	+22 64	.....
1902,	5	1,729 10	—219 49	+295 95

IRON FENCES AND RAILINGS.

1896,	7	1,512 67	.....	.....
1897,	7	1,456 41	—56 26	.....
1898,	7	1,484 60	+28 19	.....
1899,	7	1,680 63	+196 03	.....
1900,	7	1,557 42	—123 21	.....
1901,	7	1,722 80	+165 38	.....
1902,	7	1,806 58	+83 78	+293 91

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
AGRICULTURAL IMPLEMENTS.				
1896,	11	\$1,752 55	\$	\$
1897,	11	1,852 10	+99 55	.....
1898,	11	1,904 61	+52 51	.....
1899,	11	2,006 74	+102 13	.....
1900,	11	2,009 40	+2 66	.....
1901,	11	2,151 77	+142 37	.....
1902,	11	2,114 61	—37 16	+362 06
STEAM PUMPS.				
1896,	2	2,183 31	.....	.....
1897,	2	1,782 06	—401 25	.....
1898,	2	2,076 23	+294 17	.....
1899,	2	1,829 84	—246 39	.....
1900,	2	2,406 76	+576 92	.....
1901,	2	1,781 25	—625 51	.....
1902,	3	2,005 85	+224 60	—177 46
BICYCLES.				
1896,	3	2,729 23	.....	.....
1897,	3	2,532 31	—196 92	.....
1898,	3	1,942 79	—589 52	.....
1899,	3	1,763 87	—178 92	.....
1900,	3	1,474 09	—289 78	.....
1901,	3	2,033 17	+559 08	.....
1902,	2	1,283 06	—750 11	—1,446 17

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	\$1,179 09	\$	\$
1897,	2	1,241 54	+62 45
1898,	2	1,441 80	+200 26
1899,	2	1,701 70	+259 90
1900,	2	1,408 36	—293 34	.....
1901,	2	1,318 35	—90 01	.....
1902,	2	1,217 26	—101 09	+38 17

TINWARE.

1896,	5	1,679 57	.....	.....
1897,	5	1,698 18	+18 61	.....
1898,	5	1,687 77	—10 41	.....
1899,	5	1,983 55	+295 78	.....
1900,	5	1,691 32	—292 23	.....
1901,	5	1,386 64	—304 93	.....
1902,	5	1,332 44	—54 20	—347 13

PAPER MANUFACTORIES.

1896,	8	2,216 30	.....	.....
1897,	8	2,245 85	+29 55	.....
1898,	8	2,235 71	—10 14	.....
1899,	8	2,530 74	+295 03	.....
1900,	8	2,684 62	+153 88	.....
1901,	8	2,647 82	—36 80	.....
1902,	8	2,691 13	+43 31	+474 83

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WALL PAPER.				
1896,	3	2,150 33	\$	\$
1897,	3	2,384 16	+233 83	.....
1898,	3	2,596 41	+212 25	.....
1899,	3	2,853 71	+257 30	.....
1900,	3	3,120 01	+266 30	.....
1901,	3	2,617 42	—502 59	.....
1902,	3	2,677 15	+59 73	+526 82
CIGARS.				
1896,	46	1,088 40	.....	.....
1897,	46	1,109 50	+21 10	.....
1898,	46	1,136 72	+27 22	.....
1899,	46	1,164 72	+28 00	.....
1900,	46	1,195 51	+30 79	.....
1901,	46	1,166 80	—28 71	.....
1902,	46	1,432 72	+265 92	+344 32
BOOK BINDING.				
1896,	3	1,216 35	.....	.....
1897,	3	1,185 20	—31 15	.....
1898,	3	1,157 48	—27 72	.....
1899,	3	1,184 81	+27 33	.....
1900,	3	1,156 70	—28 11	.....
1901,	3	1,258 71	+102 01	.....
1902,	3	1,355 96	+97 25	+139 61

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS. FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE ROPE AND TWINE.				
1896,	5	2,324 81	\$	\$
1897,	5	2,224 31	—100 50	.....
1898,	5	2,366 24	+141 93	.....
1899,	5	2,838 46	+472 22	.....
1900,	5	3,068 67	+230 21	.....
1901,	5	3,246 03	+177 36	.....
1902,	5	3,259 42	+13 39	+934 61
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	1,103 81	.....	.....
1897,	26	1,072 44	—31 37	.....
1898,	26	923 02	—49 42	.....
1899,	26	1,077 00	+153 98	.....
1900,	26	1,125 42	+48 42	.....
1901,	26	1,171 35	+45 93	.....
1902,	26	1,282 88	+111 53	+179 07
POTTERY.				
1896,	2	1,415 97	.....	.....
1897,	2	1,325 29	—90 68	.....
1898,	2	1,479 25	+153 96	.....
1899,	2	1,507 74	+28 49	.....
1900,	2	1,349 54	—158 20	.....
1901,	2	1,439 00	+89 46	.....
1902,	2	1,294 62	—144 38	—121 35

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	\$762 19	\$	\$
1897,	7	811 70	+49 51	.....
1898,	7	821 91	+10 21	.....
1899,	7	788 38	—33 53	.....
1900,	7	1,029 48	+241 10	.....
1901,	7	746 49	—282 99	.....
1902,	7	973 50	+227 01	+211 31
BUILDING BRICK.				
1896,	33	821 19	.....	.....
1897,	33	843 25	+22 06	.....
1898,	33	800 98	—42 27	.....
1899,	33	902 28	+101 30	.....
1900,	33	864 13	—38 15	.....
1901,	33	877 20	+13 07	.....
1902,	33	921 04	+43 84	+99 95
FIRE BRICK.				
1896,	17	877 90	.....	.....
1897,	17	814 35	—63 55	.....
1898,	17	823 12	+8 77	.....
1899,	17	843 70	+20 58	.....
1900,	17	931 33	+87 63	.....
1901,	17	850 71	—80 62	.....
1902,	17	1,013 57	+162 86	+135 67

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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SLATE ROOFING, ETC., TON-
NAGE.

1896,	6	\$470 33	\$	\$
1897,	6	621 59	+151 26
1898,	6	705 64	+84 05
1899,	6	703 48	—2 16	.....
1900,	6	681 17	—22 31	.....
1901,	6	803 75	+122 58	.....
1902,	6	790 31	—13 44	+319 98

SLATE ROOFING, ETC.,
SQUARES.

1896,	14	470 79	.....	.....
1897,	14	536 52	+65 73	.....
1898,	14	403 72	—132 80	.....
1899,	14	599 62	+195 90	.....
1900,	14	569 70	—29 92	.....
1901,	14	612 95	+43 25	.....
1902,	14	657 36	+44 41	+186 57

WINDOW GLASS, BOTTLES AND
TABLE GOODS.

1896,	21	843 39	.....	.....
1897,	21	943 54	+100 15	.....
1898,	21	1,002 85	+59 31	.....
1899,	21	1,075 49	+72 64	.....
1900,	21	1,020 71	—54 78	.....
1901,	21	993 65	—27 06	.....
1902,	21	1,011 40	+17 75	+168 01

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
GLAZED AND CHROME KID.				
1896,	7	\$2,954 00	\$	\$
1897,	7	3,271 67	+317 67	.....
1898,	7	3,338 87	+67 20	.....
1899,	7	3,554 29	+215 42	.....
1900,	7	3,392 54	—161 75	.....
1901,	7	4,048 71	+656 17	.....
1902,	7	4,135 01	+76 30	+1,181 01
MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.				
1896,	14	1,415 50	.....	.....
1897,	14	1,440 63	+25 13	.....
1898,	14	1,478 62	+37 99	.....
1899,	14	1,564 54	+85 92	.....
1900,	14	1,555 05	—9 49	.....
1901,	14	1,599 65	+44 60	.....
1902,	14	1,633 06	+33 41	+217 56
SUSPENDERS.				
1896,	2	2,900 91	.....	.....
1897,	2	2,909 17	+8 26	.....
1898,	2	3,082 68	+173 51	.....
1899,	2	2,983 02	—99 66	.....
1900,	2	2,943 40	—39 62	.....
1901,	2	3,540 40	+597 00	.....
1902,	2	3,739 60	+199 20	+533 69

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
HATS AND CAPS.				
1896,	3	\$1,285 10	\$	\$
1897,	3	1,599 30	+314 20	.....
1898,	3	1,316 34	—282 96	.....
1899,	3	1,248 02	—68 32	.....
1900,	3	1,468 92	+220 90	.....
1901,	3	1,514 69	+45 77	.....
1902,	3	1,523 39	+8 70	+238 29
FUR AND FELT HATS.				
1896,	4	1,503 45	.....	.....
1897,	4	1,487 22	—16 23	.....
1898,	4	1,377 16	—110 06	.....
1899,	4	1,431 11	+53 95	.....
1900,	4	1,478 90	+47 79	.....
1901,	4	1,434 34	—44 56	.....
1902,	4	1,361 26	+73 08	—142 19
WOOL HATS.				
1896,	7	1,321 43	.....	.....
1897,	7	1,452 04	+130 61	.....
1898,	7	1,326 88	—125 16	.....
1899,	7	1,389 55	+62 67	.....
1900,	7	1,653 70	+264 15	.....
1901,	7	1,465 08	—188 62	.....
1902,	7	1,503 94	+38 86	+182 51

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average annual product per employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year	Increase (+) or de- crease(—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	\$1,884 53	\$	\$
1897,	4	2,062 10	+177 57	.....
1898,	4	2,289 85	+227 75	.....
1899,	4	2,318 43	+28 58	.....
1900,	4	2,241 55	—76 88	.....
1901,	4	2,382 46	+140 91	.....
1902,	4	1,947 71	—434 75	+63 18
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	1,103 71	.....	.....
1897,	8	1,056 49	—47 22	.....
1898,	8	1,107 11	+50 62	.....
1899,	8	1,184 88	+77 77	.....
1900,	8	1,258 42	+73 54	.....
1901,	8	1,218 89	—39 53	.....
1902,	8	1,219 93	+1 04	+116 22
SHIRTS AND SHIRT WAISTS.				
1896,	9	1,166 85	.....	.....
1897,	9	1,074 09	—92 76	.....
1898,	9	1,097 33	+23 24	.....
1899,	9	1,162 78	+65 45	.....
1900,	9	1,201 32	+38 54	.....
1901,	9	1,193 32	—8 00	.....
1902,	9	1,262 63	+69 31	+95 78

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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NECKWEAR.

1896,	3	\$2,150 33	\$	\$
1897,	3	2,033 83	+24 65
1898,	3	2,052 95	+19 12
1899,	3	2,244 72	+191 77
1900,	3	2,192 02	—52 70	.....
1901,	3	1,987 31	—204 71	.....
1902,	3	1,802 79	—184 52	—206 39

COTTON AND WOOLEN CLOTHS.

1896,	23	1,217 47	.....	.....
1897,	23	1,349 83	+132 36	.....
1898,	23	1,379 61	+29 78	.....
1899,	23	1,593 41	+213 80	.....
1900,	23	1,406 56	—186 85	.....
1901,	23	1,469 74	+63 18	.....
1902,	23	1,630 51	+160 77	+413 04

CARPETS.

1896,	17	1,605 29	.....	.....
1897,	17	1,680 61	+75 32	.....
1898,	17	1,752 03	+71 42	.....
1899,	17	2,096 25	+344 22	.....
1900,	17	2,072 54	—23 71	.....
1901,	17	2,339 66	+267 12	.....
1902,	17	2,543 04	+203 38	+937 75

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	\$955 08	\$	\$
1897,	16	1,046 31	+91 23	.....
1898,	16	1,032 31	—14 00	.....
1899,	16	1,072 61	+40 30	.....
1900,	16	1,155 68	+83 07	.....
1901,	16	1,183 27	+27 59	.....
1902,	16	1,199 72	+16 45	+244 64
WOOLEN AND WORSTED CASSIMERES.				
1896,	10	1,450 28	.....	.....
1897,	10	1,672 91	+222 63	.....
1898,	10	1,658 75	—14 16	.....
1899,	10	1,847 82	+189 07	.....
1900,	10	1,785 47	—62 35	.....
1901,	10	1,966 40	+180 93	.....
1902,	10	1,612 66	—353 74	+162 38
WOOLEN AND WORSTED FABRICS.				
1896,	15	1,371 19	.....	.....
1897,	15	1,584 04	+212 85	.....
1898,	15	1,732 58	+148 54	.....
1899,	15	1,792 64	+60 06	.....
1900,	15	1,804 50	+11 86	.....
1901,	15	1,897 82	+93 32	.....
1902,	15	2,053 18	+155 36	+681 99

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average annual product per employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
1896,	12	\$1,319 04	\$	\$
1897,	12	2,031 21	+712 17	.....
1898,	12	2,643 55	+612 34	.....
1899,	12	3,556 40	+912 85	.....
1900,	12	2,583 76	—972 64	.....
1901,	12	2,706 35	+122 59	.....
1902,	12	2,821 11	+114 76	+1,502 07
RUGS, YARNS, ETC.				
1896,	5	1,304 16	.....	.....
1897,	5	1,313 75	+9 59	.....
1898,	5	1,343 70	+29 95	.....
1899,	5	1,465 29	+121 59	.....
1900,	5	1,436 12	—29 17	.....
1901,	5	1,321 70	—114 42	.....
1902,	5	1,543 31	+221 61	+239 15
CARPET YARNS.				
1896,	11	2,155 92	.....	.....
1897,	11	2,798 48	+642 56	.....
1898,	11	2,412 92	—385 56	.....
1899,	11	2,778 50	+365 58	.....
1900,	11	2,593 20	—185 30	.....
1901,	11	2,612 19	+18 99	.....
1902,	11	2,790 33	+178 14	+634 41

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production during the year to each employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$1,636 59	\$	\$
1897,	7	1,595 73	—40 86	.....
1898,	7	1,567 23	—28 50	.....
1899,	7	1,666 97	+99 74	.....
1900,	7	1,803 41	+136 44	.....
1901,	7	1,844 53	+41 12	.....
1902,	7	1,791 06	—53 47	+154 47
WORSTED WOOLEN AND COT- TON YARNS.				
1896,	9	1,586 31	.....	.....
1897,	9	1,935 51	+349 20	.....
1898,	9	1,658 18	—277 33	.....
1899,	9	2,568 53	+910 35	.....
1900,	9	2,239 54	—328 99	.....
1901,	9	2,044 97	—194 57	.....
1902,	9	2,341 70	+296 73	+755 39
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	1,788 58	.....	.....
1897,	5	1,698 89	—89 69	.....
1898,	5	1,982 50	+283 61	.....
1899,	5	1,689 24	—293 26	.....
1900,	5	1,874 87	+185 63	.....
1901,	5	1,831 39	—43 46	.....
1902,	5	2,114 97	+283 58	+326 39

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production during the year to each employe.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	\$1,191 73	\$	\$
1897,	3	1,271 28	+79 55	.....
1898,	3	1,252 26	—19 02	.....
1899,	3	1,191 15	—61 11	.....
1900,	3	1,069 51	—121 64	.....
1901,	3	1,157 02	+87 51	.....
1902,	3	1,194 51	+37 46	+2 78
CHENILLE GOODS.				
1896,	3	824 06	.....	.....
1897,	3	858 46	+34 40	.....
1898,	3	987 11	+128 65	.....
1899,	3	1,105 86	+118 75	.....
1900,	3	1,113 17	+7 31	.....
1901,	3	1,163 98	+50 81	.....
1902,	3	1,122 70	—41 28	+298 64
UPHOLSTERY GOODS.				
1896,	8	1,494 73	.....	.....
1897,	8	1,475 54	—19 19	.....
1898,	8	1,519 22	+43 68	.....
1899,	8	1,645 48	+126 26	.....
1900,	8	1,549 72	—95 76	.....
1901,	8	1,555 03	+5 31	.....
1902,	8	1,580 48	+25 45	+85 75

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE— Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Value of production during the year to each employee.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	\$1,276 70	\$	\$
1897,	13	1,298 89	+22 19	.....
1898,	13	1,360 22	+61 33	.....
1899,	13	1,344 95	—15 27	.....
1900,	13	1,358 53	+13 58	.....
1901,	13	1,325 64	—32 89	.....
1902,	13	1,275 13	—50 51	—1 57
HOSIERY.				
1896,	31	787 25	.....	.....
1897,	31	806 03	+18 78	.....
1898,	31	824 77	+18 74	.....
1899,	31	852 54	+27 77	.....
1900,	31	882 24	+29 70	.....
1901,	31	900 33	+18 09	.....
1902,	31	920 97	+20 64	+133 72
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	1,475 35	.....	.....
1897,	5	1,397 28	—78 07	.....
1898,	5	1,496 04	+98 76	.....
1899,	5	1,973 51	+477 47	.....
1900,	5	1,689 38	—284 13	.....
1901,	5	1,423 48	—265 90	.....
1902,	5	1,748 29	+324 81	+272 94

VALUE OF AVERAGE ANNUAL PRODUCT PER EMPLOYEE—
Continued.

COMPARISON OF VALUE OF PRODUCTION PER EMPLOYEE—SAME ESTABLISSEMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Value of production during the year to each employee.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
1896,	2	\$1,115 52	\$	\$
1897,	2	1,157 06	+41 54	.....
1898,	2	1,317 70	+160 64	.....
1899,	2	1,556 20	+238 50	.....
1900,	2	1,590 88	+34 68	.....
1901,	2	1,336 49	—254 39	.....
1902,	2	1,424 57	+88 08	+309 05
SILK—RIBBONS.				
1896,	4	1,636 01	.....	.....
1897,	4	1,674 56	+38 55	.....
1898,	4	1,684 26	+9 70	.....
1899,	4	1,612 27	—71 99	.....
1900,	4	1,503 73	—108 54	.....
1901,	4	1,561 65	+57 92	.....
1902,	4	1,761 99	+200 34	+125 98

AVERAGE YEARLY EARNINGS.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the average yearly earnings by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STEEL CASTINGS.				
1896,	7	\$455 72	\$	\$
1897,	7	447 85	—7 87	.....
1898,	7	454 28	+6 43	.....
1899,	7	491 89	+37 61	.....
1900,	7	471 86	—20 03	.....
1901,	7	497 01	+25 15	.....
1902,	7	581 98	+84 97	+126 26
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	446 83	.....	.....
1897,	4	493 33	+46 50	.....
1898,	4	591 97	+98 64	.....
1899,	4	688 03	+96 06	.....
1900,	4	646 80	—41 23	.....
1901,	4	768 14	+121 34	.....
1902,	4	815 46	+47 32	+368 63
TOOL STEEL.				
1896,	3	554 04	.....	.....
1897,	3	467 42	—86 62	.....
1898,	3	716 37	+248 95	.....
1899,	3	674 38	—41 99	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
TOOL STEEL.—Continued.				
1900,	3	\$746 98	+\$72 60	\$
1901,	3	789 40	+42 42	.....
1902,	3	1,091 18	+301 78	+537 14
IRON AND STEEL FORGINGS.				
1896,	7	478 61	.....	.....
1897,	7	495 18	+16 57	.....
1898,	7	552 82	+57 64	.....
1899,	7	630 65	+77 83	.....
1900,	7	685 60	+54 95	.....
1901,	7	529 41	—156 19	.....
1902,	7	553 45	+24 04	+74 84
IRON SPECIALTIES.				
1896,	2	478 38	.....	.....
1897,	2	504 44	+26 06	.....
1898,	2	534 29	+29 85	.....
1899,	2	591 94	+57 65	.....
1900,	2	484 52	—107 42	.....
1901,	2	478 72	—5 80	.....
1902,	2	526 32	+47 60	+47 94
MALLEABLE IRON.				
1896,	4	450 75	.....	.....
1897,	4	460 86	+10 11	.....
1898,	4	473 67	+12 81	.....
1899,	4	507 05	+33 38	.....

AVERAGE YEARLY EARNINGS--Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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MALLEABLE IRON.—Continued.

1900,	4	\$518 54	+\$11 49	\$
1901,	4	493 18	—25 36
1902,	4	557 84	+64 66	+107 09

BOLTS, NUTS, ETC.

1896,	7	426 44	.....	.....
1897,	7	335 65	—90 79	.....
1898,	7	360 95	+25 30	.....
1899,	7	409 53	+48 58	.....
1900,	7	412 68	+3 15	.....
1901,	7	378 46	—34 22	.....
1902,	7	399 24	+20 78	—27 20

WIRE NAILS, RIVETS, ETC.

1896,	4	318 35	.....	.....
1897,	4	383 96	+65 61	.....
1898,	4	279 25	—104 71	.....
1899,	4	337 58	+58 33	.....
1900,	4	204 30	—133 28	.....
1901,	4	451 64	+247 34	.....
1902,	4	434 10	—17 54	+115 75

TACKS AND SMALL NAILS.

1896,	4	289 18	.....	.....
1897,	4	278 53	—10 65	.....
1898,	4	360 04	+81 51	.....
1899,	4	344 68	—15 36	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
TACKS AND SMALL NAILS.— Continued.				
1900,	4	\$319 02	—\$25 66	\$
1901,	4	350 11	+31 09	.....
1902,	4	322 09	—28 02	+32 91
WIRE.				
1896,	5	462 70	.....	.....
1897,	5	380 59	—82 11	.....
1898,	5	489 75	+109 16	.....
1899,	5	493 23	+3 48	.....
1900,	5	409 71	—83 52	.....
1901,	5	415 00	+5 29	.....
1902,	5	462 29	+47 29	—41
WIRE ROPE.				
1896,	2	443 72	.....	.....
1897,	2	450 67	+6 95	.....
1898,	2	467 67	+17 00	.....
1899,	2	488 00	+20 33	.....
1900,	2	481 04	—6 96	.....
1901,	2	431 76	—49 28	.....
1902,	2	464 86	+33 10	+21 14
WIRE GOODS.				
1896,	5	292 31	.....	.....
1897,	5	310 95	+18 64	.....
1898,	5	277 73	—33 22	.....
1899,	5	322 50	+44 77	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WIRE GOODS.—Continued.				
1900,	5	\$309 27	—\$13 23	\$
1901,	5	300 70	—8 57	.....
1902,	5	349 87	+49 17	+57 56
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896,	5	503 45	.....	.....
1897,	5	525 10	+21 65	.....
1898,	5	533 90	+8 80	.....
1899,	5	530 40	—3 50	.....
1900,	5	512 39	—18 01	.....
1901,	5	510 12	—2 27	.....
1902,	5	476 58	—33 54	—26 87
SCALES, ETC.				
1896,	4	588 94	.....	.....
1897,	4	567 09	—21 85	.....
1898,	4	566 12	—97	.....
1899,	4	604 78	+38 66	.....
1900,	4	598 03	—6 75	.....
1901,	4	611 75	+13 72	.....
1902,	4	626 81	+15 06	+37 87
STOVES, RANGES, HEATERS, ETC.				
1896,	29	471 16	.....	.....
1897,	29	464 11	—7 05	.....
1898,	29	483 22	+19 11	.....
1899,	29	538 37	+55 15	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.—Continued.				
1900,	29	\$569 94	+\$31 57	\$
1901,	29	552 58	—17 36	.....
1902,	29	579 50	+26 92	+108 34
BATH BOILERS, TANKS, ETC.				
1896,	2	465 04	.....	.....
1897,	2	446 36	—18 68	.....
1898,	2	425 34	—21 02	.....
1899,	2	432 18	+6 84	.....
1900,	2	442 21	+10 03	.....
1901,	2	455 23	+13 02	.....
1902,	2	475 02	+19 79	+9 98
HARDWARE SPECIALTIES.				
1896,	13	407 67	.....	.....
1897,	13	404 22	—3 45	.....
1898,	13	396 50	—7 72	.....
1899,	13	434 64	+38 14	.....
1900,	13	393 81	—40 83	.....
1901,	13	434 05	+40 24	.....
1902,	13	456 42	+22 37	+48 75
EDGE TOOLS.				
1896,	12	435 70	.....	.....
1897,	12	368 79	—66 91	.....
1898,	12	457 51	+88 72	.....
1899,	12	466 17	+8 66	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (--) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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EDGE TOOLS.—Continued.

1900,	12	\$471 30	+\$5 13	\$
1901,	12	450 39	—20 91
1902,	12	476 56	+26 17	+40 86

WRENCHES, PICKS, ETC.

1896,	5	428 91	.....	.....
1897,	5	419 91	—9 00	.....
1898,	5	511 49	+91 58	.....
1899,	5	526 12	+14 63	.....
1900,	5	478 53	—47 59	.....
1901,	5	513 27	+34 74	.....
1902,	5	634 34	+215 43	+205 43

LOCOMOTIVES AND CARS BUILT
AND REPAIRED.

1896,	3	485 43	.....	.....
1897,	3	524 84	+39 41	.....
1898,	3	571 93	+47 09	.....
1899,	3	608 46	+36 53	.....
1900,	3	607 74	—72	.....
1901,	3	612 57	+4 83	.....
1902,	3	627 14	+14 57	+141 11

WROUGHT IRON PIPE AND
TUBES.

1896,	5	407 72	.....	.....
1897,	5	400 32	—7 40	.....
1898,	5	430 62	+30 30	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WROUGHT IRON PIPE AND TUBES—Continued.				
1899,	5	\$521 62	+\$91 00	\$
1900,	5	475 17	—46 45	.....
1901,	5	502 18	+27 01	.....
1902,	5	597 11	+94 93	+189 39
CAST IRON PIPE.				
1896,	3	412 89	.....	.....
1897,	3	408 02	—4 87	.....
1898,	3	382 51	—25 51	.....
1899,	3	351 83	—30 68	.....
1900,	3	448 75	+96 92	.....
1901,	3	478 64	+29 89	.....
1902,	3	487 94	+9 30	+75 05
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	407 01	.....	.....
1897,	18	404 30	—2 71	.....
1898,	18	431 36	+27 06	.....
1899,	18	437 36	+6 00	.....
1900,	18	468 81	+31 45	.....
1901,	18	480 65	+11 84	.....
1902,	18	520 42	+39 77	+113 41
IRON AND STEEL BRIDGES.				
1896,	7	504 77	.....	.....
1897,	7	479 88	—24 89	.....
1898,	7	455 14	—24 74	.....

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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IRON AND STEEL BRIDGES.—
Continued.

1899,	7	\$430 21	—\$24 93	\$
1900,	7	553 36	+123 15
1901,	7	566 83	+13 47
1902,	7	556 88	—9 95	+52 11

LOCOMOTIVES, STATIONARY
ENGINES, ETC.

1896,	9	561 53	.....	.....
1897,	9	536 69	—24 84	.....
1898,	9	572 26	+35 57	.....
1899,	9	586 63	+14 37	.....
1900,	9	606 05	+19 42	.....
1901,	9	625 27	+19 22	.....
1902,	9	649 26	+23 99	+87 73

ENGINES, BOILERS, ETC.

1896,	10	522 13	.....	.....
1897,	10	497 57	—24 56	.....
1898,	10	523 57	+26 00	.....
1899,	10	548 08	+24 51	.....
1900,	10	551 89	+3 81	.....
1901,	10	562 88	+10 99	.....
1902,	10	576 07	+13 19	+53 94

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	\$427 55	\$	\$
1897,	10	392 37	—35 18	.....
1898,	10	470 92	+78 55	.....
1899,	10	529 47	+58 55	.....
1900,	10	532 36	+2 89	.....
1901,	10	538 22	+5 86	.....
1902,	10	580 67	+42 45	+153 12
IRON VESSELS AND ENGINES.				
1896,	3	573 87	.....	.....
1897,	3	545 98	—27 89	.....
1898,	3	535 08	—10 90	.....
1899,	3	554 00	+18 92	.....
1900,	3	529 91	—24 09	.....
1901,	3	572 32	+42 41	.....
1902,	3	617 00	+44 68	+43 13
BOILERS, TANKS, STACKS, ETC.				
1896,	21	467 08	.....	.....
1897,	21	474 32	+7 24	.....
1898,	21	461 68	—12 64	.....
1899,	21	479 58	+17 90	.....
1900,	21	462 16	—17 42	.....
1901,	21	496 49	+34 33	.....
1902,	21	501 53	+5 04	+34 45

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	\$525 65	\$	\$
1897,	20	511 44	—14 21	.....
1898,	20	541 79	+30 35	.....
1899,	20	554 70	+12 91	.....
1900,	20	539 71	—14 99	.....
1901,	20	551 42	+11 71	.....
1902,	20	554 92	+3 50	+29 27
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	450 22	.....	.....
1897,	25	473 93	+23 71	.....
1898,	25	483 99	+10 06	.....
1899,	25	505 84	+21 85	.....
1900,	25	545 82	+39 98	.....
1901,	25	545 33	—49	.....
1902,	25	574 73	+29 40	+124 51
FILES, ETC.				
1896,	2	328 99	.....	.....
1897,	2	320 24	—8 75	.....
1898,	2	318 57	—1 67	.....
1899,	2	345 36	+26 79	.....
1900,	2	333 04	—12 32	.....
1901,	2	372 45	+39 41	.....
1902,	2	404 50	+32 05	+75 51

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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SAWS.

1896,	3	\$459 73	\$	\$
1897,	3	431 14	—28 59
1898,	3	488 06	+56 92
1899,	3	512 77	+24 71
1900,	3	573 36	+60 59
1901,	3	583 70	+10 34?
1902,	3	647 40	+63 70	+187 67

PLUMBER SUPPLIES.

1896,	3	436 32	.....	.....
1897,	3	409 55	—26 77	.....
1898,	3	448 67	+39 12	.....
1899,	3	480 71	+32 04	.....
1900,	3	481 57	+86	.....
1901,	3	486 09	+4 52	.....
1902,	3	497 97	+11 88	+61 65

ELECTRICAL SUPPLIES.

1896,	4	504 78	.....	.....
1897,	4	545 17	+40 39	.....
1898,	4	551 56	+6 39	.....
1899,	4	551 08	—48	.....
1900,	4	566 40	+15 32	.....
1901,	4	570 78	+4 38	.....
1902,	4	585 97	+15 19	+81 21

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$399 23	\$	\$
1897,	8	395 43	—3 80	.....
1898,	8	448 09	+52 66	.....
1899,	8	518 60	+70 51	.....
1900,	8	434 04	—84 56	.....
1901,	8	488 42	+54 38	.....
1902,	8	520 31	+41 89	+121 08
SAFES AND VAULT DOORS.				
1896,	2	426 22	.....	.....
1897,	2	479 25	+53 03	.....
1898,	2	504 23	+24 98	.....
1899,	2	499 71	—4 52	.....
1900,	2	442 19	—57 52	.....
1901,	2	454 60	+12 41	.....
1902,	2	437 12	—17 48	+10 90
METAL AND METALLIC GOODS.				
1896,	3	303 56	.....	.....
1897,	3	317 41	+13 85	.....
1898,	3	329 26	+11 85	.....
1899,	3	397 20	+67 94	.....
1900,	3	390 76	—6 44	.....
1901,	3	464 93	+74 17	.....
1902,	3	455 72	—9 21	+152 16

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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BUILDING AND STRUCTURAL
IRON WORK.

1896,	2	\$508 18	\$	\$
1897,	2	520 31	+12 13
1898,	2	525 02	+4 71
1899,	2	530 60	+5 58	.....
1900,	2	523 93	—6 67	.....
1901,	2	524 78	+85	.....
1902,	2	539 65	+14 87	+31 47

IRON CHAINS.

1896,	5	396 22	.....	.....
1897,	5	418 49	+22 27	.....
1898,	5	447 18	+28 69	.....
1899,	5	469 58	+22 40	.....
1900,	5	471 75	+2 17	.....
1901,	5	495 81	+24 06	.....
1902,	5	507 19	+11 38	+110 97

IRON FENCES AND RAILINGS.

1896,	7	474 84	.....	.....
1897,	7	489 23	+14 39	.....
1898,	7	453 94	—35 29	.....
1899,	7	450 74	—3 20	.....
1900,	7	448 24	—2 50	.....
1901,	7	470 09	+21 85	.....
1902,	7	448 74	—21 35	—26 10

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	\$445 53	\$	\$
1897,	11	448 11	+2 58
1898,	11	465 75	+17 64
1899,	11	478 16	+12 41	.....
1900,	11	478 34	+18	.....
1901,	11	513 59	+35 25	.....
1902,	11	517 32	+3 73	+71 79

STEAM PUMPS.

1896,	2	793 26	.....	.....
1897,	2	736 46	—56 80	.....
1898,	2	741 93	+5 47	.....
1899,	2	741 08	—85	.....
1900,	2	720 73	—20 35	.....
1901,	2	693 70	—27 03	.....
1902,	2	757 35	+63 65	—35 91

BICYCLES.

1896,	3	527 63	.....	.....
1897,	3	609 59	+21 96	.....
1898,	3	440 23	—169 36	.....
1899,	3	428 90	—11 33	.....
1900,	3	382 78	—46 12	.....
1901,	3	569 78	+187 00	.....
1902,	3	381 52	—188 26	—146 11

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	\$423 67	\$	\$
1897,	2	435 61	+11 94
1898,	2	482 97	+47 36
1899,	2	458 35	—24 62
1900,	2	433 17	—25 18	.....
1901,	2	436 40	+3 23	.....
1902,	2	411 30	—25 10	—12 37

TINWARE.

1896,	5	378 66	.....	.....
1897,	5	388 75	+10 09	.....
1898,	5	370 93	—17 82	.....
1899,	5	430 58	+59 65	.....
1900,	5	411 90	—18 68	.....
1901,	5	368 95	—42 95	.....
1902,	5	410 82	+41 87	+32 16

PAPER MANUFACTORIES.

1896,	8	381 90	.....	.....
1897,	8	399 01	+17 11	.....
1898,	8	399 06	+05	.....
1899,	8	409 03	+9 97	.....
1900,	8	441 85	+32 82	.....
1901,	8	428 12	—13 73	.....
1902,	8	465 82	+37 70	+83 92

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES, SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WALL PAPER.

1896,	3	\$314 67	\$	\$
1897,	3	319 77	+5 10
1898,	3	343 65	+23 88
1899,	3	355 24	+11 59
1900,	3	455 47	+100 23
1901,	3	411 00	—44 47	.....
1902,	3	437 25	+26 25	+122 58

CIGARS.

1896,	46	276 47	.....	.....
1897,	46	279 98	+3 51	.....
1898,	46	286 62	+6 64	.....
1899,	46	291 80	+5 18	.....
1900,	46	306 10	+14 39	.....
1901,	46	304 40	—1 70	.....
1902,	46	323 15	+18 75	+46 68

BOOK BINDING.

1896,	3	470 70	.....	.....
1897,	3	484 51	+13 81	.....
1898,	3	482 65	—1 86	.....
1899,	3	490 44	+7 79	.....
1900,	3	524 27	+33 83	.....
1901,	3	551 69	+27 42	.....
1902,	3	582 52	+30 83	+111 82

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CORDAGE ROPE AND TWINE.				
1896,	5	\$301 21	\$	\$
1897,	5	322 57	+21 36	.....
1898,	5	322 81	+24	.....
1899,	5	361 71	+38 90	.....
1900,	5	329 01	—32 70	.....
1901,	5	342 54	+13 53	.....
1902,	5	347 05	+4 51	+45 84
PAPER, PAPER BOXES, EN- VELOPES, ETC.				
1896,	26	271 76	.....	.....
1897,	26	268 12	—3 64	.....
1898,	26	230 02	—38 10	.....
1899,	26	262 76	+32 74	.....
1900,	26	270 87	+8 11	.....
1901,	26	281 52	+10 65	.....
1902,	26	299 35	+17 83	+27 59
POTTERY.				
1896,	2	497 00	.....	.....
1897,	2	469 04	—27 96	.....
1898,	2	482 34	+13 30	.....
1899,	2	485 54	+3 20	.....
1900,	2	455 27	—30 27	.....
1901,	2	486 17	+30 90	.....
1902,	2	499 66	+13 49	+2 66

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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PAVING BRICK.

1896,	7	\$326 54	\$	\$
1897,	7	335 67	+9 13
1898,	7	331 42	-4 25
1899,	7	334 91	+3 49
1900,	7	404 88	+69 97
1901,	7	374 08	-30 80	.....
1902,	7	400 40	+26 32	+73 86

BUILDING BRICK.

1896,	33	349 25	.....	.....
1897,	33	358 09	+8 84	.....
1898,	33	349 52	-8 57	.....
1899,	33	371 60	+22 08	.....
1900,	33	364 20	-7 40	.....
1901,	33	375 33	+11 13	.....
1902,	33	365 69	-9 64	+16 44

FIRE BRICK.

1896,	17	389 26	.....	.....
1897,	17	373 08	-16 18	.....
1898,	17	362 41	-10 67	.....
1899,	17	384 59	+22 18	.....
1900,	17	419 15	+34 56	.....
1901,	17	428 42	+9 27	.....
1902,	17	437 43	+9 01	+48 17

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TON- NAGE.				
1896,	6	\$303 61	\$	\$
1897,	6	325 78	+22 17	.....
1898,	6	328 38	+2 60	.....
1899,	6	330 23	+1 85	.....
1900,	6	366 58	+36 35	.....
1901,	6	399 15	+32 57	.....
1902,	6	382 35	—16 80	+78 74
SLATE ROOFING, ETC., SQUARES.				
1896,	14	316 89	.....	.....
1897,	14	320 95	+4 06	.....
1898,	14	251 97	—68 98	.....
1899,	14	351 13	—84	.....
1900,	14	362 58	+11 45	.....
1901,	14	390 16	+27 58	.....
1902,	14	412 30	+22 14	+95 41
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	378 42	.....	.....
1897,	21	421 57	+43 15	.....
1898,	21	442 85	+21 28	.....
1899,	21	466 90	+24 05	.....
1900,	21	460 77	—6 13	.....
1901,	21	451 86	—8 91	.....
1902,	21	460 15	+8 29	+81 73

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease (-) 1902 as compared with 1896.
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GLAZED AND CHROME KID.

1896,	7	\$353 15	\$	\$
1897,	7	394 82	+41 67
1898,	7	393 26	-1 56
1899,	7	414 94	+21 68
1900,	7	396 28	-18 66	.....
1901,	7	441 41	+45 13	.....
1902,	7	483 81	+42 40	+130 66

MEN'S, WOMEN'S, MISSES AND
CHILDREN'S SHOES.

1896,	14	339 31	.....	.....
1897,	14	353 05	+13 74	.....
1898,	14	359 91	+6 86	.....
1899,	14	375 92	+16 01	.....
1900,	14	364 26	-11 66	.....
1901,	14	380 66	+16 40	.....
1902,	14	332 51	-48 15	-6 80

SUSPENDERS.

1896,	2	281 24	.....	.....
1897,	2	282 80	+1 56	.....
1898,	2	322 83	-40 03	.....
1899,	2	377 47	+54 64	.....
1900,	2	359 67	-17 80	.....
1901,	2	310 10	+49 57	.....
1902,	2	378 22	+68 12	+96 98

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	\$296 23	\$	\$
1897,	3	366 74	+70 51
1898,	3	314 97	--51 77
1899,	3	342 69	+27 72
1900,	3	345 15	+2 46	.....
1901,	3	354 41	+9 26	.....
1902,	3	354 62	+21	+58 39

FUR AND FELT HATS.

1896,	4	399 97	.....	.....
1897,	4	491 08	+91 11	.....
1898,	4	473 42	--17 66	.....
1899,	4	471 17	--2 25	.....
1900,	4	479 23	+8 06	.....
1901,	4	476 02	--3 21	.....
1902,	4	448 36	--27 66	+48 39

WOOL HATS.

1896,	7	318 46	.....	.....
1897,	7	320 08	+1 62	.....
1898,	7	293 28	--26 80	.....
1899,	7	303 84	+10 56	.....
1900,	7	386 29	+82 45	.....
1901,	7	349 06	--37 23	.....
1902,	7	349 16	+10	+30 70

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	\$231 65	\$	\$
1897,	4	296 53	+54 88	.....
1898,	4	268 57	—27 96	.....
1899,	4	272 41	+3 84	.....
1900,	4	267 00	—5 41	.....
1901,	4	276 66	+9 66	.....
1902,	4	242 47	—34 19	+10 82
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	270 87	.....	.....
1897,	8	272 97	+2 10	.....
1898,	8	267 84	—5 13	.....
1899,	8	272 55	+4 71	.....
1900,	8	305 73	+33 18	.....
1901,	8	296 18	—9 55	.....
1902,	8	315 80	+19 62	+44 93
SHIRTS AND SHIRT WAISTS.				
1896,	9	292 33	.....	.....
1897,	9	271 95	—20 38	.....
1898,	9	270 51	—1 44	.....
1899,	9	299 52	+29 01	.....
1900,	9	313 80	+14 28	.....
1901,	9	320 15	+6 35	.....
1902,	9	343 46	+23 31	+51 13

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
NECKWEAR.				
1896,	3	\$383 74	\$	\$
1897,	3	362 00	—21 74	.....
1898,	3	376 91	+14 91	.....
1899,	3	378 89	+1 98	.....
1900,	3	366 39	—12 50	.....
1901,	3	317 06	—49 33	.....
1902,	3	307 64	—9 42	—76 10
COTTON AND WOOLEN CLOTHS.				
1896,	23	318 53	.....	.....
1897,	23	346 74	+28 21	.....
1898,	23	352 37	+5 63	.....
1899,	23	372 38	+20 01	.....
1900,	23	346 81	—25 57	.....
1901,	23	350 39	+3 58	.....
1902,	23	393 74	+43 35	+75 21
CARPETS.				
1896,	17	346 63	.....	.....
1897,	17	364 98	+18 35	.....
1898,	17	362 75	—2 23	.....
1899,	17	415 59	+52 84	.....
1900,	17	416 14	+55	.....
1901,	17	447 98	+31 84	.....
1902,	17	484 17	+36 19	+37 54

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	\$282 91	\$	\$
1897,	16	312 65	+29 74	.....
1898,	16	320 93	+8 28	.....
1899,	16	335 05	+14 12	.....
1900,	16	344 97	+9 92	.....
1901,	16	336 00	—8 97	.....
1902,	16	349 69	+13 69	+66 78
WOOLEN AND WORSTED CAS- SIMERES.				
1896,	10	309 29	.....	.....
1897,	10	235 81	+26 52	.....
1898,	10	334 83	—98	.....
1899,	10	348 65	+13 82	.....
1900,	10	359 69	+11 04	.....
1901,	10	352 41	—7 28	.....
1902,	10	367 88	+15 47	+58 59
WOOLEN AND WORSTED FABRICS.				
1896,	15	282 58	.....	.....
1897,	15	316 33	+33 75	.....
1898,	15	346 36	+30 03	.....
1899,	15	357 84	+11 48	.....
1900,	15	347 06	—10 78	.....
1901,	15	346 77	—29	.....
1902,	15	374 84	+28 07	+92 26

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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WOOLEN AND WORSTED
YARNS.

1896,	12	\$269 36	\$	\$
1897,	12	320 70	+51 34
1898,	12	313 57	-7 13
1899,	12	361 57	+48 00	.....
1900,	12	323 61	-37 96	.....
1901,	12	349 14	+25 53	.....
1902,	12	332 96	-16 18	+63 60

RUGS, YARNS, ETC.

1896,	5	322 64	.....	.....
1897,	5	320 50	-2 14	.....
1898,	5	340 57	+20 07	.....
1899,	5	381 45	+40 88	.....
1900,	5	370 22	-11 23	.....
1901,	5	367 64	-2 58	.....
1902,	5	388 01	+20 37	+65 37

CARPET YARNS.

1896,	11	335 80	.....	.....
1897,	11	373 10	+37 30	.....
1898,	11	333 13	-39 97	.....
1899,	11	382 96	+49 83	.....
1900,	11	364 79	-18 17	.....
1901,	11	386 01	+21 22	.....
1902,	11	422 75	+36 74	+86 95

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earn- ings.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$271 90	\$	\$
1897,	7	280 68	+8 78	.....
1898,	7	300 77	+20 09	.....
1899,	7	305 36	+4 59	.....
1900,	7	301 08	-4 28	.....
1901,	7	318 39	+17 31	.....
1902,	7	321 23	+2 84	+49 33
WORSTED, WOOLEN AND COT- TON YARNS.				
1896,	9	291 76	.....	.....
1897,	9	305 30	+13 54	.....
1898,	9	284 54	-20 76	.....
1899,	9	364 25	+79 71	.....
1900,	9	302 31	-61 94	.....
1901,	9	294 40	-7 91	.....
1902,	9	304 63	+10 23	+12 87
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	358 52	.....	.....
1897,	5	367 74	+9 22	.....
1898,	5	329 54	-38 20	.....
1899,	5	333 27	+3 73	.....
1900,	5	362 09	+28 82	.....
1901,	5	328 39	-33 70	.....
1902,	5	364 73	+36 34	+6 21

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYEES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	\$253 95	\$	\$
1897,	3	261 33	+7 38	.....
1898,	3	277 11	+15 78	.....
1899,	3	285 65	+8 54	.....
1900,	3	297 73	+12 08	.....
1901,	3	309 96	+12 23	.....
1902,	3	311 10	+1 14	+57 15
CHENILLE GOODS.				
1896,	3	226 95	.....	.....
1897,	3	253 33	+26 38	.....
1898,	3	285 54	+32 21	.....
1899,	3	338 77	+53 23	.....
1900,	3	384 81	+46 04	.....
1901,	3	398 32	+13 51	.....
1902,	3	368 22	—30 10	+41 73
UPHOLSTERY GOODS.				
1896,	8	364 10	.....	.....
1897,	8	385 71	+21 61	.....
1898,	8	407 48	+21 77	.....
1899,	8	418 71	+11 23	.....
1900,	8	410 10	—8 61	.....
1901,	8	425 99	+15 89	.....
1902,	8	448 51	+22 52	+84 41

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	\$262 29	\$	\$
1897,	13	262 28	—01	.....
1898,	13	267 35	+5 07	.....
1899,	13	276 14	+8 79	.....
1900,	13	254 73	—21 41	.....
1901,	13	257 27	+2 54	.....
1902,	13	277 93	+20 66	+15 64
HOSIERY.				
1896,	31	237 59	.....	.....
1897,	31	245 66	+8 07	.....
1898,	31	250 73	+5 07	.....
1899,	31	262 05	+11 32	.....
1900,	31	272 54	+10 49	.....
1901,	31	277 47	+4 93	.....
1902,	31	292 51	+15 04	+54 92
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	243 73	.....	.....
1897,	5	226 87	—16 86	.....
1898,	5	236 59	+9 72	.....
1899,	5	265 65	+29 06	.....
1900,	5	233 95	—31 70	.....
1901,	5	217 64	—16 31	.....
1902,	5	266 64	+49 00	+22 91

AVERAGE YEARLY EARNINGS—Continued.

COMPARISON OF AVERAGE YEARLY EARNINGS OF EMPLOYES,
SKILLED AND UNSKILLED—SAME ESTABLISHMENTS, FOR THE
YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average yearly earnings.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
1896,	2	\$250 25	\$	\$
1897,	2	233 02	—17 23	.....
1898,	2	234 57	+1 55	.....
1899,	2	261 31	+26 74	.....
1900,	2	265 71	+4 40	.....
1901,	2	226 18	—39 53	.....
1902,	2	231 80	+5 62	—18 45
SILK—RIBBONS.				
1896,	4	291 88	.....	.....
1897,	4	350 45	+58 57	.....
1898,	4	336 36	—14 09	.....
1899,	4	338 22	+1 86	.....
1900,	4	304 04	—34 18	.....
1901,	4	345 09	+41 05	.....
1902,	4	358 94	+13 85	+67 06

AVERAGE DAILY WAGE.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

NOTE.—In this table the average daily wage of employes, skilled and unskilled, in the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896
STEEL CASTINGS.			Cts.	Cts.
1896,	7	\$1 54	.....	.....
1897,	7	1 44	—13	.....
1898,	7	1 46	+02	.....
1899,	7	1 63	+17	.....
1900,	7	1 54	—09	.....
1901,	7	1 65	+11	.....
1902,	7	1 92	+27	+38
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	2 19	.....	.....
1897,	4	1 70	—49	.....
1898,	4	2 07	+37	.....
1899,	4	2 33	+26	.....
1900,	4	2 63	+30	.....
1901,	4	2 65	+02	.....
1902,	4	2 80	+15	+61
TOOL STEEL.				
1896,	3	2 08	.....	.....
1897,	3	1 93	—15	.....
1898,	3	2 30	+37	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
TOOL STEEL—Continued.			Cts.	Cts.
1899,	3	\$2 32	+02	.....
1900,	3	2 56	+24	.....
1901,	3	2 68	+12	.....
1902,	3	3 64	+96	+1 56
IRON AND STEEL FORGINGS.				
1896,	7	1 87	.....	.....
1897,	7	1 76	—11	.....
1898,	7	1 89	+13	.....
1899,	7	2 10	+21	.....
1900,	7	2 35	+25	.....
1901,	7	1 90	—45	.....
1902,	7	1 91	+01	+04
IRON SPECIALTIES.				
1896,	2	1 59	.....	.....
1897,	2	1 68	+09	.....
1898,	2	1 77	+09	.....
1899,	2	1 97	+20	.....
1900,	2	1 61	—36	.....
1901,	2	1 59	—02	.....
1902,	2	1 75	+16	+16
MALLEABLE IRON.				
1896,	4	1 54	.....	.....
1897,	4	1 58	+04	.....
1898,	4	1 59	+01	.....
1899,	4	1 70	+11	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MALLEABLE IRON.—Continued.			Cts.	Cts.
1900,	4	\$1 78	+08	.....
1901,	4	1 72	—06	.....
1902,	4	1 87	+15	+33
BOLTS, NUTS, ETC.				
1896,	7	1 78	.....	.....
1897,	7	1 31	—47	.....
1898,	7	1 34	+03	.....
1899,	7	1 37	+03	.....
1900,	7	1 38	+01	.....
1901,	7	1 23	—15	.....
1902,	7	1 29	+06	—49
WIRE NAILS, RIVETS, ETC.				
1896,	4	1 32	.....	.....
1897,	4	1 54	+22	.....
1898,	4	1 48	—06	.....
1899,	4	2 38	+90	.....
1900,	4	1 76	—62	.....
1901,	4	1 50	—26	.....
1902,	4	1 44	—06	+08
TACKS AND SMALL NAILS.				
1896,	4	1 28	.....	.....
1897,	4	1 33	+05	.....
1898,	4	1 45	+12	.....
1899,	4	1 23	—22	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
TACKS AND SMALL NAILS.—				
Continued.			Cts.	Cts.
1900,	4	\$1 26	+03	.....
1901,	4	1 25	—01	.....
1902,	4	1 27	+02	—01
WIRE.				
1896,	5	1 62	.....	.....
1897,	5	1 44	—18	.....
1898,	5	1 54	+10	.....
1899,	5	1 53	—01	.....
1900,	5	1 36	—17	.....
1901,	5	1 37	+01	.....
1902,	5	1 55	+18	—07
WIRE ROPE.				
1896,	2	1 47	.....	.....
1897,	2	1 49	+02	.....
1898,	2	1 54	+05	.....
1899,	2	1 61	+07	.....
1900,	2	1 57	—04	.....
1901,	2	1 40	—17	.....
1902,	2	1 51	+11	+04
WIRE GOODS.				
1896,	5	99	.....	.....
1897,	5	1 03	+04	.....
1898,	5	92	—11	.....
1899,	5	1 07	+15	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WIRE GOODS.—Continued.				
			Cts.	Cts.
1900,	5	\$1 03	—04	.....
1901,	5	1 02	—01	.....
1902,	5	1 25	+23	+26
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896,	5	1 97	.....	.....
1897,	5	1 90	—07	.....
1898,	5	1 83	—07	.....
1899,	5	1 85	+02	.....
1900,	5	1 84	—01	.....
1901,	5	1 80	—04	.....
1902,	5	1 68	—12	—29
SCALES, ETC.				
1896,	4	2 13	.....	.....
1897,	4	1 99	—14	.....
1898,	4	1 93	—06	.....
1899,	4	2 00	+07	.....
1900,	4	2 01	+01	.....
1901,	4	2 09	+08	.....
1902,	4	2 14	+05	+01
STOVES, RANGES, HEATERS, ETC.				
1896,	29	2 25	.....	.....
1897,	29	2 03	—22	.....
1898,	29	2 03	.....	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.—Continued.				
			Cts.	Cts.
1899,	29	\$2 11	+08	.....
1900,	29	2 32	+21	.....
1901,	29	2 18	—14	.....
1902,	29	2 22	+04	—03
BATH BOILERS, TANKS, ETC.				
1896,	2	1 50	.....	.....
1897,	2	1 46	—04	.....
1898,	2	1 41	—05	.....
1899,	2	1 42	+01	.....
1900,	2	1 44	+02	.....
1901,	2	1 50	+06	.....
1902,	2	1 56	+06	+06
HARDWARE SPECIALTIES.				
1896,	13	1 54	.....	.....
1897,	13	1 48	—06	.....
1898,	13	1 54	+06	.....
1899,	13	1 55	+01	.....
1900,	13	1 56	+01	.....
1901,	13	1 46	—10	.....
1902,	13	1 53	+07	—01
EDGE TOOLS.				
1896,	12	1 77	.....	.....
1897,	12	1 62	—15	.....
1898,	12	1 57	—05	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
EDGE TOOLS.—Continued.				
1899,	12	\$1 59	+02	.....
1900,	12	1 59	.....	.....
1901,	12	1 52	—07	.....
1902,	12	1 59	+07	—18
WRENCHES, PICKS, ETC.				
1896,	5	1 79	.....	.....
1897,	5	1 58	—21	.....
1898,	5	1 88	+30	.....
1899,	5	1 80	—08	.....
1900,	5	1 71	—09	.....
1901,	5	1 83	+12	.....
1902,	5	2 24	+41	+43
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	1 78	.....	.....
1897,	3	1 86	+08	.....
1898,	3	1 93	+07	.....
1899,	3	2 00	+07	.....
1900,	3	2 01	+01	.....
1901,	3	2 02	+01	.....
1902,	3	2 07	+05	+29
WROUGHT IRON PIPE AND TUBES.				
1896,	5	1 44	.....	.....
1897,	5	1 34	—10	.....

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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WROUGHT IRON PIPE AND
TUBES.—Continued.

			Cts.	Cts.
1898,	5	\$1 42	+08
1899,	5	1 94	+52
1900,	5	1 79	—15
1901,	5	1 77	—02	.....
1902,	5	2 71	+94	+1 27

CAST IRON PIPE.

1896,	3	1 37	.....	.....
1897,	3	1 35	—02	.....
1898,	3	1 29	—06	.....
1899,	3	1 40	+11	.....
1900,	3	1 47	+07	.....
1901,	3	1 52	+05	.....
1902,	3	1 56	+04	+19

BRASS, COPPER AND BRONZE
GOODS.

1896,	18	1 38	.....	.....
1897,	18	1 38	.....	.....
1898,	18	1 45	+07	.....
1899,	18	1 44	—01	.....
1900,	18	1 57	+13	.....
1901,	18	1 58	+01	.....
1902,	18	1 72	+14	+34

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
IRON AND STEEL BRIDGES.				
1896,	7	\$1 72	.....	.....
1897,	7	1 61	—11	.....
1898,	7	1 51	—10	.....
1899,	7	1 54	+03	.....
1900,	7	1 84	+30	.....
1901,	7	1 83	—01	.....
1902,	7	1 80	—03	+08
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	1 84	.....	.....
1897,	9	1 75	—09	.....
1898,	9	1 88	+13	.....
1899,	9	1 91	+03	.....
1900,	9	1 97	+06	.....
1901,	9	2 06	+09	.....
1902,	9	2 11	+05	+27
ENGINES, BOILERS, ETC.				
1896,	10	1 77	.....	.....
1897,	10	1 69	—08	.....
1898,	10	1 72	+03	.....
1899,	10	1 82	+10	.....
1900,	10	1 80	—02	.....
1901,	10	1 86	+06	.....
1902,	10	1 93	+07	+16

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS. FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
			Cts.	Cts.
1896,	10	\$1 66	.....	.....
1897,	10	1 41	—25	.....
1898,	10	1 62	+21	.....
1899,	10	1 71	+09	.....
1900,	10	1 71	.....	.....
1901,	10	1 75	+04	.....
1902,	10	1 88	+13	+22
IRON VESSELS AND ENGINES.				
1896,	3	1 88	.....	.....
1897,	3	1 79	—09	.....
1898,	3	1 76	—03	.....
1899,	3	1 87	+11	.....
1900,	3	1 81	—06	.....
1901,	3	1 73	—08	.....
1902,	3	1 90	+17	+02
BOILERS, TANKS, STACKS, ETC.				
1896,	21	1 63	.....	.....
1897,	21	1 66	+03	.....
1898,	21	1 59	—07	.....
1899,	21	1 58	—01	.....
1900,	21	1 52	—06	.....
1901,	21	1 66	+14	.....
1902,	21	1 67	+01	+04

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MACHINERY.				
			Cts.	Cts.
1896,	20	\$1 75	.....	.....
1897,	20	1 66	—09	.....
1898,	20	1 81	+15	.....
1899,	20	1 84	+03	.....
1900,	20	1 79	—05	.....
1901,	20	1 80	+01	.....
1902,	20	1 86	+06	+11
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	1 57	.....	.....
1897,	25	1 61	+04	.....
1898,	25	1 63	+02	.....
1899,	25	1 66	+03	.....
1900,	25	1 82	+16	.....
1901,	25	1 80	—02	.....
1902,	25	1 88	+08	+31
FILES, ETC.				
1896,	2	1 20	.....	.....
1897,	2	1 20	.....	.....
1898,	2	1 15	—05	.....
1899,	2	1 14	—01	.....
1900,	2	1 14	.....	.....
1901,	2	1 29	+15	.....
1902,	2	1 34	+05	+14

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SAWS.				
1896,	3	\$2 01	.....	.....
1897,	3	2 05	+04	.....
1898,	3	2 00	—05	.....
1899,	3	2 05	+05	.....
1900,	3	2 04	—01	.....
1901,	3	2 03	—01	.....
1902,	3	2 19	+16	+18
PLUMBER SUPPLIES.				
1896,	3	1 55	.....	.....
1897,	3	1 52	—03	.....
1898,	3	1 55	+03	.....
1899,	3	1 54	—01	.....
1900,	3	1 54	.....	.....
1901,	3	1 46	—08	.....
1902,	3	1 55	+09	.....
ELECTRICAL SUPPLIES.				
1896,	4	1 75	.....	.....
1897,	4	1 84	+09	.....
1898,	4	1 83	—01	.....
1899,	4	1 82	—01	.....
1900,	4	1 91	+09	.....
1901,	4	1 90	—01	.....
1902,	4	1 95	—05	+20

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	\$1 90	.....	.....
1897,	8	1 91	—09	.....
1898,	8	1 82	+01	.....
1899,	8	1 85	+03	.....
1900,	8	1 72	—13	.....
1901,	8	1 73	+01	.....
1902,	8	1 84	+11	—06
SAFES AND VAULT DOORS.				
1896,	2	1 39	.....	.....
1897,	2	1 59	+20	.....
1898,	2	1 69	+10	.....
1899,	2	1 70	+01	.....
1900,	2	1 52	—18	.....
1901,	2	1 50	—02	.....
1902,	2	1 44	—06	+05
METAL AND METALLIC GOODS.				
1896,	3	1 29	.....	.....
1897,	3	1 23	—06	.....
1898,	3	1 29	+06	.....
1899,	3	1 50	+21	.....
1900,	3	1 42	—08	.....
1901,	3	1 58	+16	.....
1902,	3	1 59	+01	+39

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
			Cts.	Cts.
1896,	2	\$1 60	.....	.....
1897,	2	1 72	+12	.....
1898,	2	1 71	—01	.....
1899,	2	1 74	+03	.....
1900,	2	1 71	—03	.....
1901,	2	1 72	+01	.....
1902,	2	1 76	+04	+16
IRON CHAINS.				
1896,	5	1 50	.....	.....
1897,	5	1 54	+04	.....
1898,	5	1 50	—04	.....
1899,	5	1 59	+09	.....
1900,	5	1 87	+28	.....
1901,	5	1 71	—16	.....
1902,	5	1 85	+14	+35
IRON FENCES AND RAILINGS.				
1896,	7	1 62	.....	.....
1897,	7	1 64	+02	.....
1898,	7	1 49	—15	.....
1899,	7	1 49	.....	.....
1900,	7	1 47	—02	.....
1901,	7	1 54	+07	.....
1902,	7	1 46	—08	—16

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
AGRICULTURAL IMPLEMENTS.				
1896,	11	\$1 55	.....	.....
1897,	11	1 53	—02	.....
1898,	11	1 55	+02	.....
1899,	11	1 60	+05	.....
1900,	11	1 60	.....	.....
1901,	11	1 70	+10	.....
1902,	11	1 72	+02	+17
STEAM PUMPS.				
1896,	2	2 58	.....	.....
1897,	2	2 40	—18	.....
1898,	2	2 44	+04	.....
1899,	2	2 46	+02	.....
1900,	2	2 39	—07	.....
1901,	2	2 30	—09	.....
1902,	2	2 51	+21	—07
BICYCLES.				
1896,	3	1 91	.....	.....
1897,	3	2 05	+14	.....
1898,	3	1 63	—42	.....
1899,	3	1 61	—02	.....
1900,	3	1 62	+01	.....
1901,	3	2 08	+46	.....
1902,	2	1 97	—11	+06

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
PIANOS AND ORGANS.			Cts.	Cts.
1896,	2	\$1 56	.....	.....
1897,	2	1 49	—07	.....
1898,	2	1 64	+15	.....
1899,	2	1 56	—08	.....
1900,	2	1 48	—08	.....
1901,	2	1 48	.....	.....
1902,	2	1 39	—09	—17
TINWARE.				
1896,	5	1 26	.....	.....
1897,	5	1 29	+03	.....
1898,	5	1 24	—05	.....
1899,	5	1 43	+19	.....
1900,	5	1 37	—06	.....
1901,	5	1 36	—01	.....
1902,	5	1 36	.....	+10
PAPER MANUFACTORIES.				
1896,	8	1 46	.....	.....
1897,	8	1 44	—02	.....
1898,	8	1 41	—03	.....
1899,	8	1 44	+03	.....
1900,	8	1 49	+05	.....
1901,	8	1 46	—03	.....
1902,	8	1 60	+14	+14

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease (—) 1902 as compared with 1896.
WALL PAPER.				
1896,	3	\$1 24	.....	.....
1897,	3	1 14	—10	.....
1898,	3	1 22	+08	.....
1899,	3	1 27	+05	.....
1900,	3	1 57	+30	.....
1901,	3	1 42	—15	.....
1902,	3	1 51	+09	+27
CIGARS.				
1896,	46	96	.....	.....
1897,	46	96	.....	.....
1898,	46	98	+02	.....
1899,	46	99	+01	.....
1900,	46	1 04	+05	.....
1901,	46	1 03	—01	.....
1902,	46	1 10	+07	+14
BOOK BINDING.				
1896,	3	1 56	.....	.....
1897,	3	1 73	+17	.....
1898,	3	1 70	—03	.....
1899,	3	1 75	+05	.....
1900,	3	1 82	+07	.....
1901,	3	1 90	+08	.....
1902,	3	2 09	+19	+53

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
CORDAGE, ROPE AND TWINE,			Cts.	Cts.
1896,	5	\$1 05	.....	.....
1897,	5	1 02	—03	.....
1898,	5	1 03	+01	.....
1899,	5	1 16	+13	.....
1900,	5	1 09	—07	.....
1901,	5	1 14	+05	.....
1902,	5	1 17	+03	+12
PAPER, PAPER BOXES, ENVEL- OPES, ETC.				
1896,	26	91	.....	.....
1897,	26	89	—02	.....
1898,	26	76	—13	.....
1899,	26	87	+11	.....
1900,	26	90	+03	.....
1901,	26	93	+03	.....
1902,	26	1 01	+08	+10
POTTERY.				
1896,	2	1 64	.....	.....
1897,	2	1 63	—01	.....
1898,	2	1 66	+03	.....
1899,	2	1 63	—03	.....
1900,	2	1 58	—05	.....
1901,	2	1 60	+02	.....
1902,	2	1 65	+05	+01

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
PAVING BRICK.				
			Cts.	Cts.
1896,	7	\$1 28	.....	.....
1897,	7	1 36	+08	.....
1898,	7	1 36	—01	.....
1899,	7	1 45	+10	.....
1900,	7	1 50	+05	.....
1901,	7	1 60	+10	.....
1902,	7	1 58	—02	+30
BUILDING BRICK.				
1896,	33	1 50	.....	.....
1897,	33	1 55	+05	.....
1898,	33	1 51	—04	.....
1899,	33	1 65	+14	.....
1900,	33	1 65	.....	.....
1901,	33	1 62	—03	.....
1902,	33	1 58	—04	+08
FIRE BRICK.				
1896,	17	1 37	.....	.....
1897,	17	1 33	—04	.....
1898,	17	1 49	+16	.....
1899,	17	1 55	+06	.....
1900,	17	1 40	—15	.....
1901,	17	1 44	+04	.....
1902,	17	1 54	+10	+17

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TON- NAGE.				
			Cts.	Cts.
1896,	6	\$1 33	.....	.....
1897,	6	1 44	+11	.....
1898,	6	1 34	—10	.....
1899,	6	1 40	+06	.....
1900,	6	1 44	+04	.....
1901,	6	1 49	+05	.....
1902,	6	1 52	+03	+19
SLATE ROOFING, ETC., SQUARES.				
1896,	14	1 33	.....	.....
1897,	14	1 34	+01	.....
1898,	14	1 42	+08	.....
1899,	14	1 43	+01	.....
1900,	14	1 48	+05	.....
1901,	14	1 54	+06	.....
1902,	14	1 62	+08	+29
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	1 58	.....	.....
1897,	21	1 59	+01	.....
1898,	21	1 60	+01	.....
1899,	21	1 65	+05	.....
1900,	21	1 74	+09	.....
1901,	21	1 76	+02	.....
1902,	21	1 72	—04	+14

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896
GLAZED AND CHROME KID.			Cts.	Cts.
1896,	7	\$1 18	.....	.....
1897,	7	1 31	+13	.....
1898,	7	1 32	+01	.....
1899,	7	1 38	+06	.....
1900,	7	1 47	+09	.....
1901,	7	1 48	+01	.....
1902,	7	1 71	+23	+53
MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.				
1896,	14	1 21	.....	.....
1897,	14	1 20	—01	.....
1898,	14	1 23	+03	.....
1899,	14	1 28	+05	.....
1900,	14	1 23	—05	.....
1901,	14	1 27	+04	.....
1902,	14	1 13	—14	—08
SUSPENDERS.				
1896,	2	95	.....	.....
1897,	2	70	—25	.....
1898,	2	1 09	+39	.....
1899,	2	1 26	+17	.....
1900,	2	1 21	—05	.....
1901,	2	1 04	—17	.....
1902,	2	1 27	+23	+32

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
HATS AND CAPS.				
			Cts.	Cts.
1896,	3	\$1 22	.....	.....
1897,	3	1 27	+05	.....
1898,	3	1 10	—17	.....
1899,	3	1 21	+11	.....
1900,	3	1 22	+01	.....
1901,	3	1 23	+01	.....
1902,	3	1 26	+03	+04
FUR AND FELT HATS.				
1896,	4	1 30	.....	.....
1897,	4	1 59	+29	.....
1898,	4	1 54	—05	.....
1899,	4	1 52	—02	.....
1900,	4	1 55	+03	.....
1901,	4	1 55	.....	.....
1902,	4	1 45	—10	+15
WOOL HATS.				
1896,	7	1 16	.....	.....
1897,	7	1 23	+07	.....
1898,	7	1 05	—18	.....
1899,	7	1 14	+09	.....
1900,	7	1 31	+17	.....
1901,	7	1 24	—07	.....
1902,	7	1 21	—03	+05

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.			Cts.	Cts.
1896,	4	\$0 75	.....	.....
1897,	4	97	+22	.....
1898,	4	87	—10	.....
1899,	4	89	+02	.....
1900,	4	87	—02	.....
1901,	4	90	+03	.....
1902,	4	79	—11	+04
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	94	.....	.....
1897,	8	93	—01	.....
1898,	8	90	—03	.....
1899,	8	91	+01	.....
1900,	8	1 01	+10	.....
1901,	8	1 01	.....	.....
1902,	8	1 08	+07	+14
SHIRTS AND SHIRT WAISTS.				
1896,	9	1 02	.....	.....
1897,	9	91	—11	.....
1898,	9	91	.....	.....
1899,	9	1 01	+10	.....
1900,	9	1 05	+04	.....
1901,	9	1 07	+02	.....
1902,	9	1 16	+09	+14

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
NECKWEAR.				
1896,	3	\$1 25	.....	.....
1897,	3	1 18	—07	.....
1898,	3	1 22	+04	.....
1899,	3	1 23	+01	.....
1900,	3	1 19	—04	.....
1901,	3	1 03	—16	.....
1902,	3	1 00	—03	—25
COTTON AND WOOLEN CLOTHS.				
1896,	23	1 19	.....	.....
1897,	23	1 21	+02	.....
1898,	23	1 32	+11	.....
1899,	23	1 37	+05	.....
1900,	23	1 25	—12	.....
1901,	23	1 25	.....	.....
1902,	23	1 32	+07	+13
CARPETS.				
1896,	17	1 31	.....	.....
1897,	17	1 25	—06	.....
1898,	17	1 24	—01	.....
1899,	17	1 37	+13	.....
1900,	17	1 40	+03	.....
1901,	17	1 50	+10	.....
1902,	17	1 62	+12	+31

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON GOODS.			Cts.	Cts.
1896,	16	\$1 08	.....	.....
1897,	16	1 12	+04	.....
1898,	16	1 11	—01	.....
1899,	16	1 13	+02	.....
1900,	16	1 19	+06	.....
1901,	16	1 17	—02	.....
1902,	16	1 18	+01	+10
WOOLEN AND WORSTED CASSI- MERES.				
1896,	10	1 15	.....	.....
1897,	10	1 22	+07	.....
1898,	10	1 28	+06	.....
1899,	10	1 25	—03	.....
1900,	10	1 24	—01	.....
1901,	10	1 27	+03	.....
1902,	10	1 29	+02	+14
WOOLEN AND WORSTED FABRICS.				
1896,	15	1 15	.....	.....
1897,	15	1 09	—06	.....
1898,	15	1 20	+11	.....
1899,	15	1 20	.....	.....
1900,	15	1 17	—03	.....
1901,	15	1 19	+02	.....
1902,	15	1 25	+06	+10

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
			Cts.	Cts.
1896,	12	\$1 09	.....	.....
1897,	12	1 11	+02	.....
1898,	12	1 09	—02	.....
1899,	12	1 24	+15	.....
1900,	12	1 16	—08	.....
1901,	12	1 19	+03	.....
1902,	12	1 11	—08	+02
RUGS, YARNS, ETC.				
1896,	5	1 25	.....	.....
1897,	5	1 19	—06	.....
1898,	5	1 23	+04	.....
1899,	5	1 34	+11	.....
1900,	5	1 27	—07	.....
1901,	5	1 32	+05	.....
1902,	5	1 40	+08	+15
CARPET YARNS.				
1896,	11	1 27	.....	.....
1897,	11	1 25	—02	.....
1898,	11	1 25	.....	.....
1899,	11	1 28	+03	.....
1900,	11	1 32	+04	.....
1901,	11	1 33	+01	.....
1902,	11	1 41	+08	+14

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	\$1 03	.....	.....
1897,	7	1 02	—01	.....
1898,	7	1 02	.....	.....
1899,	7	1 05	+03	.....
1900,	7	1 02	—03	.....
1901,	7	1 12	+10	.....
1902,	7	1 15	+03	+12
WORSTED, WOOLEN AND COT- TON YARNS.				
1896,	9	1 23	.....	.....
1897,	9	1 11	—12	.....
1898,	9	1 24	+13	.....
1899,	9	1 37	+13	.....
1900,	9	1 02	—35	.....
1901,	9	1 01	—01	.....
1902,	9	1 04	+03	—19
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	1 18	.....	.....
1897,	5	1 22	+04	.....
1898,	5	94	—28	.....
1899,	5	1 19	+25	.....
1900,	5	1 20	+01	.....
1901,	5	1 13	—07	.....
1902,	5	1 22	+09	+04

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	\$0 93	.....	.....
1897,	3	88	—05	.....
1898,	3	90	+02	.....
1899,	3	94	+04	.....
1900,	3	98	+04	.....
1901,	3	1 02	+04	.....
1902,	3	1 15	+13	+22
CHENILLE GOODS.				
1896,	3	81	.....	.....
1897,	3	84	+03	.....
1898,	3	95	+11	.....
1899,	3	1 13	+18	.....
1900,	3	1 28	+15	.....
1901,	3	1 31	+03	.....
1902,	3	1 31	.....	+50
UPHOLSTERY GOODS.				
1896,	8	1 25	.....	.....
1897,	8	1 29	+04	.....
1898,	8	1 35	+06	.....
1899,	8	1 45	+10	.....
1900,	8	1 55	+10	.....
1901,	8	1 49	—06	.....
1902,	8	1 48	—01	+23

AVERAGE DAILY WAGE—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.			Cts.	Cts.
1896,	13	\$0 97	.....	.....
1897,	13	91	—06	.....
1898,	13	95	+04	.....
1899,	13	99	+04	.....
1900,	13	88	—11	.....
1901,	13	91	+03	.....
1902,	13	94	+03	—03
HOSIERY.				
1896,	31	93	.....	.....
1897,	31	85	—08	.....
1898,	31	88	+03	.....
1899,	31	93	+05	.....
1900,	31	95	+02	.....
1901,	31	96	+01	.....
1902,	31	99	+03	+06
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	89	.....	.....
1897,	5	75	—14	.....
1898,	5	80	+05	.....
1899,	5	96	+16	.....
1900,	5	83	—13	.....
1901,	5	84	+01	.....
1902,	5	88	+04	+01

AVERAGE DAILY WAGE.—Continued.

COMPARISON OF AVERAGE DAILY WAGE, SKILLED AND UNSKILLED—
SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900,
1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Average daily wage.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
			Cts.	Cts.
1896,	2	\$0 83	.....	.....
1897,	2	77	—06	.....
1898,	2	78	+01	.....
1899,	2	87	+09	.....
1900,	2	89	+02	.....
1901,	2	75	—14	.....
1902,	2	77	+02	—06
SILK—RIBBONS.				
1896,	4	98	.....	.....
1897,	4	1 17	+19	.....
1898,	4	1 12	—05	.....
1899,	4	1 15	+03	.....
1900,	4	1 07	—08	.....
1901,	4	1 14	+07	.....
1902,	4	1 21	+07	+23

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE—In this table the relative per cent of cost of basic materials to value of production in same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments, are considered.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STEEL CASTINGS.				
1896,	7	27.9	.....	.....
1897,	7	28.9	+1.0	.....
1898,	7	24.6	—4.3	.....
1899,	7	28.7	+4.1	.....
1900,	7	19.5	—9.2	.....
1901,	7	22.6	+3.1	.....
1902,	7	31.0	+8.4	+3.1
STEEL BILLETS, SLABS, BLOOMS, ETC.				
1896,	4	80.0	.....	.....
1897,	4	70.0	—10.0	.....
1898,	4	80.8	+10.8	.....
1899,	4	76.8	—4.0	.....
1900,	4	90.1	+13.3	.....
1901,	4	81.0	—9.1	.....
1902,	4	59.8	—21.2	—20.2
TOOL STEEL.				
1896,	3	33.8	.....	.....
1897,	3	27.6	—6.2	.....
1898,	3	20.1	—7.5	.....

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
TOOL STEEL—Continued.				
1899,	3	20.1	.....	.....
1900,	3	18.0	—2.1	.....
1901,	3	19.0	+1.0	.....
1902,	3	19.3	+ .3	—14.5
IRON AND STEEL FORGINGS.				
1896,	7	38.6	.....	.....
1897,	7	38.9	+ .3	.....
1898,	7	33.9	—5.0	.....
1899,	7	32.2	—1.7	.....
1900,	7	59.2	+27.0	.....
1901,	7	37.2	—22.0	.....
1902,	7	35.9	—1.3	—2.7
IRON SPECIALTIES.				
1896,	2	60.4	.....	.....
1897,	2	64.8	+4.4	.....
1898,	2	58.7	—6.1	.....
1899,	2	59.8	+1.1	.....
1900,	2	57.6	—2.2	.....
1901,	2	50.8	—6.8	.....
1902,	2	51.5	+ .7	—8.9
MALLEABLE IRON.				
1896,	4	30.5	.....	.....
1897,	4	28.0	—2.5	.....
1898,	4	30.5	+2.5	.....

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
MALLEABLE IRON.—Continued.				
1899,	4	29.9	— .6	.....
1900,	4	39.3	+9.4	.....
1901,	4	40.6	+1.3	.....
1902,	4	33.7	—6.9	+3.2
BOLTS, NUTS, ETC.				
1896,	7	46.3	.....	.....
1897,	7	46.6	+ .3	.....
1898,	7	50.3	+3.7	.....
1899,	7	57.9	+7.6	.....
1900,	7	50.7	—7.2	.....
1901,	7	54.9	+4.2	.....
1902,	7	57.5	+2.6	+11.2
WIRE NAILS, RIVETS, ETC.				
1896,	4	56.4	.....	.....
1897,	4	59.2	+2.8	.....
1898,	4	53.1	—6.1	.....
1899,	4	40.9	—12.2	.....
1900,	4	56.8	+15.9	.....
1901,	4	55.8	—1.0	.....
1902,	4	63.9	+8.1	+7.5
TACKS AND SMALL NAILS.				
1896,	4	41.7	.....	.....
1897,	4	38.1	—3.6	.....
1898,	4	37.2	— .9	.....

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
TACKS AND SMALL NAILS.—Continued.				
1899,	4	35.4	—1.8	.....
1900,	4	37.4	+2.0	.....
1901,	4	35.3	—2.1	.....
1902,	4	41.2	+5.9	—5
WIRE.				
1896,	5	51.7	.....	.....
1897,	5	49.0	—2.7	.....
1898,	5	47.7	—1.3	.....
1899,	5	43.6	—4.1	.....
1900,	5	47.8	+4.2	.....
1901,	5	47.2	—6	.....
1902,	5	42.5	—4.7	—9.2
WIRE ROPE.				
1896,	2	47.5	.....	.....
1897,	2	38.6	—8.9	.....
1898,	2	37.9	—7	.....
1899,	2	37.2	—7	.....
1900,	2	70.4	+33.2	.....
1901,	2	64.4	—6.0	.....
1902,	2	67.8	+3.4	+20.3
WIRE GOODS.				
1896,	5	21.0	.....	.....
1897,	5	22.6	+1.6	.....

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
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WIRE GOODS.—Continued.

1898,	5	19.2	-3.4
1899,	5	22.4	+3.2
1900,	5	24.9	+2.5
1901,	5	30.0	+5.1
1902,	5	29.1	-.9	+8.1

WAGON AND CARRIAGE AXLES AND SPRINGS.

1896,	5	30.0	.....	.....
1897,	5	29.4	-.6	.....
1898,	5	21.7	-7.7	.....
1899,	5	30.2	+8.5	.....
1900,	5	31.7	+1.5	.....
1901,	5	37.3	+5.6	.....
1902,	5	40.6	+3.3	+10.6

SCALES, ETC.

1896,	4	34.0	.....	.....
1897,	4	33.6	-.4	.....
1898,	4	33.5	-.1	.....
1899,	4	32.1	-1.4	.....
1900,	4	32.6	+.5	.....
1901,	4	31.7	-.9	.....
1902,	4	31.2	-.5	-2.8

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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STOVES, RANGES, HEATERS, ETC.

1896,	29	20.6
1897,	29	20.3	— .3
1898,	29	20.7	+ .4
1899,	29	21.6	+ .9
1900,	29	26.2	+4.6	.....
1901,	29	24.8	—1.4	.....
1902,	29	26.8	+2.0	+6.2

BATH BOILERS, TANKS, ETC.

1896,	2	54.6	.....	.....
1897,	2	48.9	—5.7	.....
1898,	2	49.4	+ .5	.....
1899,	2	50.0	+ .6	.....
1900,	2	53.7	+3.7	.....
1901,	2	51.8	—1.9	.....
1902,	2	49.9	—1.9	—4.7

HARDWARE SPECIALTIES.

1896,	13	26.5	.....	.....
1897,	13	24.8	—1.7	.....
1898,	13	24.8	.....	.....
1899,	13	27.4	+2.6	.....
1900,	13	25.4	—2.0	.....
1901,	13	26.2	+ .8	.....
1902,	13	28.5	+2.3	+2.0

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
EDGE TOOLS.				
1896,	12	41.9	.....	.....
1897,	12	28.5	—13.4	.....
1898,	12	27.4	—1.1	.....
1899,	12	28.7	+1.3	.....
1900,	12	30.1	+1.4	.....
1901,	12	33.6	+3.5	.....
1902,	12	32.9	— .7	—9.0
WRENCHES, PICKS, ETC.				
1896,	5	32.5	.....	.....
1897,	5	33.0	+ .5	.....
1898,	5	29.0	—4.0	.....
1899,	5	33.4	+4.4	.....
1900,	5	37.1	+3.7	.....
1901,	5	31.6	—5.5	.....
1902,	5	37.1	+5.5	+4.6
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	54.2	.....	.....
1897,	3	50.2	—4.0	.....
1898,	3	52.4	+2.2	.....
1899,	3	56.2	+3.8	.....
1900,	3	57.7	+1.5	.....
1901,	3	55.8	—1.9	.....
1902,	3	49.9	—5.9	—4.3

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WROUGHT IRON PIPE AND TUBES.				
1896,	5	66.9	.....	.....
1897,	5	62.6	—4.3	.....
1898,	5	56.9	—5.7	.....
1899,	5	59.2	+2.3	.....
1900,	5	60.5	+1.3	.....
1901,	5	55.3	—5.2	.....
1902,	5	52.7	—2.6	—14.2
CAST IRON PIPE.				
1896,	3	66.5	.....	.....
1897,	3	64.8	—1.7	.....
1898,	3	64.3	— .5	.....
1899,	3	67.6	+3.3	.....
1900,	3	64.4	—3.2	.....
1901,	3	62.6	—1.8	.....
1902,	3	62.7	+ .1	—3.8
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	51.9	.....	.....
1897,	18	55.7	+3.8	.....
1898,	18	54.9	— .8	.....
1899,	18	60.4	+5.5	.....
1900,	18	45.9	—14.5	.....
1901,	18	62.0	+16.1	.....
1902,	18	59.6	—2.4	+7.7

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
IRON AND STEEL BRIDGES.				
1896,	7	58.5	.....	.....
1897,	7	55.6	—2.9	.....
1898,	7	57.2	+1.6	.....
1899,	7	62.7	+5.5	.....
1900,	7	64.1	+1.4	.....
1901,	7	59.1	—5.0	.....
1902,	7	63.4	+4.3	+4.8
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	48.1	.....	.....
1897,	9	46.1	—2.0	.....
1898,	9	41.9	—4.2	.....
1899,	9	49.0	+7.1	.....
1900,	9	47.0	—2.0	.....
1901,	9	45.4	—1.6	.....
1902,	9	40.9	—4.5	—7.2
ENGINES, BOILERS, ETC.				
1896,	10	48.2	.....	.....
1897,	10	49.9	+1.7	.....
1898,	10	49.0	— .9	.....
1899,	10	51.0	+2.0	.....
1900,	10	48.7	—2.3	.....
1901,	10	48.8	+ .1	.....
1902,	10	51.1	+2.3	+2.9

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of produc.ion.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	50.4	.....	.....
1897,	10	44.9	-5.5	.....
1898,	10	32.7	-12.2	.....
1899,	10	57.0	+24.3	.....
1900,	10	62.3	+5.3	.....
1901,	10	65.7	+3.4	.....
1902,	10	68.5	+2.8	+18.1
IRON VESSELS AND ENGINES.				
1896,	3	38.5	.....	.....
1897,	3	44.0	+5.5	.....
1898,	3	45.2	+1.2	.....
1899,	3	55.8	+10.6	.....
1900,	3	55.6	-.2	.....
1901,	3	56.3	+.7	.....
1902,	3	49.3	-7.0	+10.8
BOILERS, TANKS, STACKS, ETC.				
1896,	21	39.0	.....	.....
1897,	21	45.4	+6.4	.....
1898,	21	47.8	+2.4	.....
1899,	21	53.5	+5.7	.....
1900,	21	52.5	-1.0	.....
1901,	21	53.9	+1.4	.....
1902,	21	52.6	-1.3	+13.6

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	32.4	.....	.....
1897,	20	31.2	—1.2	.....
1898,	20	31.2	.....	.....
1899,	20	37.1	+5.9	.....
1900,	20	35.8	—1.3	.....
1901,	20	36.5	+ .7	.....
1902,	20	36.4	— .1	+4.0
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	33.1	.....	.....
1897,	25	35.4	+2.3	.....
1898,	25	35.4	.....	.....
1899,	25	37.0	+1.6	.....
1900,	25	34.7	—2.3	.....
1901,	25	35.2	+ .5	.....
1902,	25	39.6	+4.4	+6.5
FILES, ETC.				
1896,	2	29.7	.....	.....
1897,	2	28.0	—1.7	.....
1898,	2	20.7	—7.3	.....
1899,	2	23.0	+2.3	.....
1900,	2	23.8	+ .8	.....
1901,	2	20.2	—3.6	.....
1902,	2	18.5	—1.7	+9.2

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAWS.				
1896,	3	42.0	.....	.....
1897,	3	37.5	—4.5	.....
1898,	3	36.8	— .7	.....
1899,	3	37.8	+1.0	.....
1900,	3	36.4	—1.4	.....
1901,	3	34.9	—1.5	.....
1902,	3	34.6	— .3	—7.4
PLUMBER SUPPLIES.				
1896,	3	*	.....	.....
1897,	3	*	.....	.....
1898,	3	*	.....	.....
1899,	3	38.4	.....	.....
1900,	3	32.6	—5.8	.....
1901,	3	33.9	+1.3	.....
1902,	3	33.4	— .5	.....
ELECTRICAL SUPPLIES.				
1896,	4	36.6	.....	.....
1897,	4	39.4	+2.8	.....
1898,	4	34.3	—5.1	.....
1899,	4	31.2	—3.1	.....
1900,	4	34.8	+3.6	.....
1901,	4	34.9	+ .1	.....
1902,	4	41.7	+5.8	+5.1

*Incomplete returns of value of basic material.

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	38.6	.....	.....
1897,	8	34.4	—4.2	.....
1898,	8	29.7	—4.7	.....
1899,	8	31.2	+1.5	.....
1900,	8	35.8	+4.6	.....
1901,	8	33.5	—2.8	.....
1902,	8	35.1	+1.6	—3.5
SAFES AND VAULT DOORS.				
1896,	2	43.7	.....	.....
1897,	2	40.1	—3.6	.....
1898,	2	43.1	+3.0	.....
1899,	2	41.8	—1.3	.....
1900,	2	47.1	+5.3	.....
1901,	2	44.6	—2.5	.....
1902,	2	56.4	+11.8	+12.7
METAL AND METALLIC GOODS.				
1896,	3	29.1	.....	.....
1897,	3	27.2	—1.9	.....
1898,	3	28.0	+ .8	.....
1899,	3	27.4	— .6	.....
1900,	3	28.0	+ .6	.....
1901,	3	28.9	+ .9	.....
1902,	3	31.4	+2.5	+2.3

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	43.8	.....	.....
1897,	2	55.0	+11.2	.....
1898,	2	60.3	+5.3	.....
1899,	2	56.9	—3.4	.....
1900,	2	66.8	+9.9	.....
1901,	2	51.9	—14.9	.....
1902,	2	67.6	+15.7	+23.8
IRON CHAINS.				
1896,	5	38.4	.....	.....
1897,	5	37.6	— .8	.....
1898,	5	40.5	+2.9	.....
1899,	5	43.2	+2.7	.....
1900,	5	47.0	+3.8	.....
1901,	5	42.6	—4.4	.....
1902,	5	47.2	+4.6	+8.8
IRON FENCES AND RAILINGS.				
1896,	7	40.1	.....	.....
1897,	7	40.3	+ .2	.....
1898,	7	43.8	+3.5	.....
1899,	7	51.1	+7.3	.....
1900,	7	51.3	+ .2	.....
1901,	7	54.4	+3.1	.....
1902,	7	56.9	+2.5	+16.8

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—
Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	increase (+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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AGRICULTURAL IMPLEMENTS.

1896,	11	45.6
1897,	11	42.2	—3.4
1898,	11	41.3	— .9
1899,	11	43.4	+2.1
1900,	11	46.9	+3.5	.....
1901,	11	44.0	—2.9	.....
1902,	11	46.2	+2.2	+ .6

STEAM PUMPS.

1896,	2	43.9	.....	.....
1897,	2	51.1	+7.2	.....
1898,	2	39.5	—11.6	.....
1899,	2	42.9	+3.4	.....
1900,	2	31.1	—11.8	.....
1901,	2	43.4	+12.3	.....
1902,	2	36.1	—7.3	—7.8

BICYCLES.

1896,	3	60.2	.....	.....
1897,	3	71.5	+11.3	.....
1898,	3	66.6	—4.9	.....
1899,	3	58.9	—7.7	.....
1900,	3	64.8	+5.9	.....
1901,	3	70.6	+5.8	.....
1902,	3	46.5	—24.1	—13.7

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
PIANOS AND ORGANS.				
1896,	2	34.5	.....	.....
1897,	2	38.8	+4.3	.....
1898,	2	42.2	+3.4	.....
1899,	2	33.1	—9.1	.....
1900,	2	38.6	+5.5	.....
1901,	2	42.3	+3.7	.....
1902,	2	40.0	—2.3	+5.5
TINWARE.				
1896,	5	45.8	.....	.....
1897,	5	46.3	+ .5	.....
1898,	5	46.3	.....	.....
1899,	5	49.9	+3.6	.....
1900,	5	52.4	+2.5	.....
1901,	5	52.8	+ .4	.....
1902,	5	54.2	+1.4	+8.4
PAPER MANUFACTORIES.				
1896,	8	47.0	.....	.....
1897,	8	43.9	—3.1	.....
1898,	8	44.8	+ .9	.....
1899,	8	40.9	—3.9	.....
1900,	8	37.4	—3.5	.....
1901,	8	38.9	+1.5	.....
1902,	8	39.8	+ .9	—7.2

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
WALL PAPER.				
1896,	3	50.3	.....	.....
1897,	3	47.9	—2.4	.....
1898,	3	51.0	+3.1	.....
1899,	3	50.2	— .8	.....
1900,	3	51.4	+1.2	.....
1901,	3	63.6	+12.2	.....
1902,	3	63.8	+ .2	+13.5
CIGARS.				
1896,	46	37.9	.....	.....
1897,	46	40.4	+2.5	.....
1898,	46	41.2	+ .8	.....
1899,	46	39.2	—2.0	.....
1900,	46	38.9	— .3	.....
1901,	46	38.3	— .6	.....
1902,	46	32.9	—5.4	—5.0
BOOK BINDING.				
1896,	3	37.3	.....	.....
1897,	3	38.2	+ .9	.....
1898,	3	36.3	—1.9	.....
1899,	3	37.1	+ .8	.....
1900,	3	38.5	+1.4	.....
1901,	3	40.2	+1.7	.....
1902,	3	38.5	—1.7	+1.2

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE, ROPE AND TWINE.				
1896,	5	70.4	.....	.....
1897,	5	73.9	+3.5	.....
1898,	5	71.2	—2.7	.....
1899,	5	72.5	+1.3	.....
1900,	5	77.1	+4.6	.....
1901,	5	76.2	— .9	.....
1902,	5	74.2	—2.0	+3.8
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	46.4	.....	.....
1897,	26	46.9	+ .5	.....
1898,	26	45.4	—1.5	.....
1899,	26	45.3	— .1	.....
1900,	26	48.7	+3.4	.....
1901,	26	46.5	—2.2	.....
1902,	26	45.4	—1.1	—1.0
POTTERY.				
1896,	2	32.9	.....	.....
1897,	2	29.3	—3.6	.....
1898,	2	25.0	—4.3	.....
1899,	2	22.4	—2.6	.....
1900,	2	27.8	+5.4	.....
1901,	2	29.4	+1.6	.....
1902,	2	22.8	—6.6	—10.1

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	9.9	.....	.....
1897,	7	7.2	—2.7	.....
1898,	7	6.3	— .9	.....
1899,	7	8.0	+1.7	.....
1900,	7	12.0	+4.0	.....
1901,	7	9.0	—3.0	.....
1902,	7	10.5	+1.5	+ .6
BUILDING BRICK.				
1896,	33	11.5	.....	.....
1897,	33	11.3	— .2	.....
1898,	33	11.9	+ .6	.....
1899,	33	10.9	—1.0	.....
1900,	33	10.4	— .5	.....
1901,	33	10.6	+ .2	.....
1902,	33	9.9	— .7	—1.6
FIRE BRICK.				
1896,	17	25.8	.....	.....
1897,	17	24.4	—1.4	.....
1898,	17	21.8	—2.6	.....
1899,	17	22.2	+ .4	.....
1900,	17	22.2	.....	.....
1901,	17	22.5	+ .3	.....
1902,	17	21.3	—1.2	—4.5

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TONNAGE.				
1896,	6	8.3	.....	.....
1897,	6	7.1	—1.2	.....
1898,	6	6.0	—1.1	.....
1899,	6	6.8	+ .8	.....
1900,	6	5.4	—1.4	.....
1901,	6	5.8	+ .4	.....
1902,	6	11.1	+5.3	+2.8
SLATE ROOFING, ETC., SQUARES.				
1896,	14	9.4	.....	.....
1897,	14	9.1	— .3	.....
1898,	14	9.2	+ .1	.....
1899,	14	8.6	— .6	.....
1900,	14	7.8	— .8	.....
1901,	14	8.9	+1.1	.....
1902,	14	8.7	— .2	—1.4
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	25.1	.....	.....
1897,	21	24.3	— .8	.....
1898,	21	20.6	—3.7	.....
1899,	21	21.4	+ .8	.....
1900,	21	20.3	—1.1	.....
1901,	21	20.6	+ .3	.....
1902,	21	21.1	+ .5	—4.0

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
GLAZED ON CHROME KID.				
1896,	7	70.0	.....	.....
1897,	7	66.8	—3.2	.....
1898,	7	63.8	—3.0	.....
1899,	7	67.4	+3.6	.....
1900,	7	62.0	—5.4	.....
1901,	7	49.3	—12.7	.....
1902,	7	49.1	—2	—20.9
MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.				
1896,	14	54.6	.....	.....
1897,	14	56.1	+1.5	.....
1898,	14	56.1	.....	.....
1899,	14	54.6	—1.5	.....
1900,	14	55.5	+ .9	.....
1901,	14	57.4	+1.9	.....
1902,	14	60.5	+3.1	+5.9
SUSPENDERS.				
1896,	2	63.0	.....	.....
1897,	2	66.9	+3.9	.....
1898,	2	62.6	—4.3	.....
1899,	2	65.2	+2.6	.....
1900,	2	70.5	+5.3	.....
1901,	2	67.9	—2.6	.....
1902,	2	70.2	+2.3	+7.2

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	54.1
1897,	3	52.9	—1.2
1898,	3	51.2	—1.7
1899,	3	62.0	+10.8
1900,	3	56.4	—5.6
1901,	3	44.7	—11.7
1902,	3	47.3	+2.6	—6.8

FUR AND FELT HATS.

1896,	4	30.6	.....	.....
1897,	4	30.6	.....	.....
1898,	4	28.6	—2.0	.....
1899,	4	29.4	+ .8	.....
1900,	4	29.3	— .1	.....
1901,	4	29.6	+ .3	.....
1902,	4	28.9	— .7	—1.7

WOOL HATS.

1896,	7	51.8	.....	.....
1897,	7	53.0	+1.2	.....
1898,	7	49.3	—3.7	.....
1899,	7	44.7	—4.6	.....
1900,	7	50.6	+5.9	.....
1901,	7	49.1	—1.5	.....
1902,	7	48.9	— .2	—2.9

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	59.1	.....	.....
1897,	4	59.7	+ .6	.....
1898,	4	65.2	+5.5	.....
1899,	4	56.4	-8.8	.....
1900,	4	67.8	+11.4	.....
1901,	4	73.0	+5.2	.....
1902,	4	73.4	+ .4	+14.3
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	44.0	.....	.....
1897,	8	46.6	+2.6	.....
1898,	8	51.3	+4.7	.....
1899,	8	43.8	-7.5	.....
1900,	8	46.9	+3.1	.....
1901,	8	47.1	+ .2	.....
1902,	8	47.0	- .1	+3.0
SHIRTS AND SHIRT WAISTS.				
1896,	9	46.8	.....	.....
1897,	9	49.9	+3.1	.....
1898,	9	52.3	+2.4	.....
1899,	9	50.3	-2.0	.....
1900,	9	50.3	.....	.....
1901,	9	48.6	-1.7	.....
1902,	9	48.2	- .4	+1.4

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
NECKWEAR.				
1896,	3	57.0	.....	.....
1897,	3	56.8	— .2	.....
1898,	3	57.1	+ .3	.....
1899,	3	59.8	+2.7	.....
1900,	3	59.7	— .1	.....
1901,	3	61.8	+2.1	.....
1902,	3	62.9	+1.1	+5.9
COTTON AND WOOLEN CLOTHS.				
1896,	23	53.3	.....	.....
1897,	23	59.0	+5.7	.....
1898,	23	57.9	—1.1	.....
1899,	23	58.6	+ .7	.....
1900,	23	55.9	—2.7	.....
1901,	23	57.0	+1.1	.....
1902,	23	60.2	+3.2	+6.9
CARPETS.				
1896,	17	58.7	.....	.....
1897,	17	60.8	+2.1	.....
1898,	17	59.1	—1.7	.....
1899,	17	58.8	— .3	.....
1900,	17	60.7	+1.9	.....
1901,	17	59.3	—1.4	.....
1902,	17	60.1	+ .8	+1.4

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- e.r.d.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	53.8	.....	.....
1897,	16	50.0	—3.8	.....
1898,	16	47.6	—2.4	.. ...
1899,	16	48.3	+ .7	.....
1900,	16	48.7	+ .4	.....
1901,	16	50.6	+1.9	.....
1902,	16	48.2	—2.4	—5.6
WOOLEN AND WORSTED CASSIMERES.				
1896,	10	52.2	.....	.....
1897,	10	55.1	+2.9	.....
1898,	10	56.4	+1.3	.....
1899,	10	57.9	+1.5	.....
1900,	10	51.1	—6.8	.....
1901,	10	52.3	+1.2	.....
1902,	10	51.8	— .5	— .4
WOOLEN AND WORSTED FABRICS.				
1896,	15	53.3	.....	.....
1897,	15	56.1	+2.8	.....
1898,	15	57.1	+1.0	.....
1899,	15	58.2	+1.1	.....
1900,	15	58.7	+ .5	.....
1901,	15	59.4	+ .7	.....
1902,	15	60.6	+1.2	+7.3

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WOOLEN AND WORSTED YARNS.				
1896,	12	60.2	.....	.....
1897,	12	67.9	+7.7	.....
1898,	12	52.2	—15.7	.....
1899,	12	50.2	—2.0	.....
1900,	12	55.9	+5.7	.....
1901,	12	66.8	+10.9	.....
1902,	12	58.5	—8.3	—1.7
RUGS, YARNS, ETC.				
1896,	5	47.8	.....	.....
1897,	5	47.4	—4	.....
1898,	5	44.3	—3.1	.....
1899,	5	43.0	—1.3	.....
1900,	5	45.2	+2.2	.....
1901,	5	48.3	+3.1	.....
1901,	5	47.6	—7	—2
CARPET YARNS.				
1896,	11	69.1	.....	.....
1897,	11	73.2	+4.1	.....
1898,	11	68.0	—5.2	.....
1899,	11	71.2	+3.2	.....
1900,	11	68.4	—2.8	.....
1901,	11	63.9	—4.5	.....
1902,	11	70.2	+6.3	+1.1

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—
Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	66.9	.....	.....
1897,	7	65.8	—1.1	.....
1898,	7	60.9	—4.9	.....
1899,	7	59.9	—1.0	.....
1900,	7	62.9	+3.0	.....
1901,	7	63.1	+2	.....
1902,	7	65.3	+2.2	—1.6
WORSTED, WOOLEN AND COT- TON YARNS.				
1896,	9	60.1	.....	.....
1897,	9	62.6	+2.5	.....
1898,	9	63.6	+1.0	.....
1899,	9	61.4	—2.2	.....
1900,	9	66.6	+5.2	.....
1901,	9	66.3	—3	.....
1902,	9	63.9	+2.6	+8.8
WOOLEN BLANKETS, FLAN- NELS, ETC.				
1896,	5	48.4	.....	.....
1897,	5	52.3	+3.9	.....
1898,	5	53.8	+1.5	.....
1899,	5	49.9	—3.9	.....
1900,	5	44.0	—5.9	.....
1901,	5	53.2	+9.2	.....
1902,	5	55.2	+2.0	+6.8

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	20.9	.....	.....
1897,	3	23.2	+2.3	.....
1898,	3	23.8	+ .6	.....
1899,	3	26.8	+3.0	.....
1900,	3	28.7	+1.9	.....
1901,	3	30.6	+1.9	.....
1902,	3	24.7	—5.9	+3.8
CHENILLE GOODS.				
1896,	3	59.2	.....	.....
1897,	3	57.5	—1.7	.....
1898,	3	60.3	+2.8	.....
1899,	3	54.9	—5.4	.....
1900,	3	55.2	+ .3	.....
1901,	3	53.9	—1.3	.....
1902,	3	50.2	—3.7	—9.0
UPHOLSTERY GOODS.				
1896,	8	55.1	.....	.....
1897,	8	53.2	—1.9	.....
1898,	8	53.5	+0.3	.....
1899,	8	50.0	—3.5	.....
1900,	8	49.4	—0.6	.....
1901,	8	46.4	—3.0	.....
1902,	8	45.9	—0.5	—9.2

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION—
Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME
ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND
1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Relative per cent. basic ma- terial to value of production.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	59.1	.....	.....
1897,	13	57.7	—1.4	.....
1898,	13	58.9	+1.2	.....
1899,	13	57.5	—1.4	.....
1900,	13	67.5	+10.0	.....
1901,	13	64.2	—3.3	.....
1902,	13	65.4	+1.2	+6.3
HOSIERY.				
1896,	31	43.4	.....	.....
1897,	31	46.9	+3.5	.....
1898,	31	47.4	+ .5	.....
1899,	31	44.0	—3.4	.....
1900,	31	45.3	+1.3	.....
1901,	31	45.0	— .3	.....
1902,	31	44.4	— .6	+1.0
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	69.1	... ..	.....
1897,	5	69.4	+ .3	.....
1898,	5	67.9	—1.5	.....
1899,	5	68.1	+ .2	.....
1900,	5	73.3	+5.2	.....
1901,	5	64.6	—8.7	.....
1902,	5	60.0	—4.6	—9.1

COST OF BASIC MATERIAL TO VALUE OF PRODUCTION— Continued.

COMPARISON OF BASIC MATERIAL TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. basic material to value of production.	Increase(+, or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIBBONS.				
1896,	2	48.3	.....	.....
1897,	2	42.1	—6.2	.....
1898,	2	41.4	—7	.....
1899,	2	42.3	+9	.....
1900,	2	40.5	—1.8	.....
1901,	2	37.5	—3.0	.....
1902,	2	42.7	+3.2	—5.6
SILK RIBBONS.				
1896,	4	43.9	.....	.....
1897,	4	51.4	+7.5	.....
1898,	4	48.2	—3.2	.....
1899,	4	49.9	+1.7	.....
1900,	4	43.7	—6.2	.....
1901,	4	47.6	+3.9	.....
1902,	4	49.2	+1.6	+5.3

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the relative per cent. of wages to value of production by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments are considered.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

1896,	7	30.9
1897,	7	34.4	+3.5
1898,	7	29.5	—4.9
1899,	7	29.3	— .2
1900,	7	25.9	—3.4
1901,	7	28.9	+3.0
1902,	7	30.7	+1.8	— .2

STEEL BILLETS, SLABS, BLOOMS, ETC.

1896,	4	8.7	.....	.....
1897,	4	6.0	—2.7	.....
1898,	4	8.5	+2.5	.....
1899,	4	6.6	—1.9	.....
1900,	4	7.4	+ .8	.....
1901,	4	7.8	+ .4	.....
1902,	4	10.9	+3.1	+2.2

TOOL STEEL.

1896,	3	20.4	.....	.....
1897,	3	27.5	+7.1	.....

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TOOL STEEL—Continued.

1898,	3	34.4	+6.9
1899,	3	29.4	—5.0
1900,	3	22.6	—6.8
1901,	3	19.9	—2.7
1902,	3	25.3	+5.4	+4.9

IRON AND STEEL FORGINGS.

1896,	7	33.2	.....	.....
1897,	7	38.3	+5.1	.....
1898,	7	38.0	—3	.....
1899,	7	31.8	—6.2	.....
1900,	7	35.3	+3.5	.....
1901,	7	33.8	—1.5	.....
1902,	7	32.9	—9	—3

IRON SPECIALTIES.

1896,	2	22.8	.....	.....
1897,	2	19.1	—3.7	.....
1898,	2	23.9	+4.8	.....
1899,	2	22.8	—1.1	.....
1900,	2	22.7	—1	.....
1901,	2	24.0	+1.3	.....
1902,	2	26.0	+2.0	+3.2

MALLEABLE IRON.

1896,	4	36.7	.....	.....
1897,	4	39.8	+3.1	.....

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MALLEABLE IRON.—Continued.

1898,	4	33.9	—5.9
1899,	4	33.1	— .8
1900,	4	34.9	+1.8
1901,	4	43.6	+8.7
1902,	4	43.9	+ .3	+7.2

BOLTS, NUTS, ETC.

1896,	7	29.3	.....	.....
1897,	7	25.3	—4.0	.....
1898,	7	24.8	— .5	.....
1899,	7	20.1	—4.7	.....
1900,	7	18.6	—1.5	.....
1901,	7	23.0	+4.4	.....
1902,	7	20.8	—2.2	—8.5

WIRE NAILS, RIVETS, ETC.

1896,	4	17.2	.....	.....
1897,	4	16.5	— .7	.....
1898,	4	17.1	+ .6	.....
1899,	4	13.6	—3.5	.....
1900,	4	12.3	—1.3	.....
1901,	4	14.5	+2.2	.....
1902,	4	16.3	+1.8	— .9

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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TACKS AND SMALL NAILS.

1896,	4	29.5
1897,	4	29.6	+1
1898,	4	26.0	—3.6
1899,	4	28.3	+2.3
1900,	4	26.3	—2.0
1901,	4	24.8	—1.5	.....
1902,	4	22.8	—2.0	—6.7

WIRE.

1896,	5	19.7	.....	.....
1897,	5	18.0	—1.7	.....
1898,	5	22.4	+4.2	.....
1899,	5	24.9	+2.5	.....
1900,	5	23.0	—1.9	.....
1901,	5	23.3	+3	.....
1902,	5	27.2	+3.9	+7.5

WIRE ROPE.

1896,	2	11.4	.....	.....
1897,	2	12.5	+1.1	.....
1898,	2	13.6	+1.1	.....
1899,	2	11.7	—1.9	.....
1900,	2	11.2	—5	.....
1901,	2	10.0	—1.2	.....
1902,	2	11.6	+1.6	+2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WIRE GOODS.				
1896,	5	26.1	.....	.....
1897,	5	25.8	— .3	.....
1898,	5	19.6	— 6.2	.....
1899,	5	20.9	+ 1.3	.....
1900,	5	18.8	— 2.1	.....
1901,	5	19.3	+ .5	.....
1902,	5	21.1	+ 1.8	— 5.0
WAGON AND CARRIAGE AXLES AND SPRINGS.				
1896,	5	31.8	.....	.....
1897,	5	33.0	+ 1.2	.....
1898,	5	33.1	+ .1	.....
1899,	5	28.6	— 4.5	.....
1900,	5	32.6	+ 4.0	.....
1901,	5	35.5	+ 2.9	.....
1902,	5	32.1	+ 3.4	+ .3
SCALES, ETC.				
1896,	4	28.5	.....	.....
1897,	4	27.7	— .8	.....
1898,	4	28.8	+ 1.1	.....
1899,	4	27.8	— 1.0	.....
1900,	4	28.2	+ .4	.....
1901,	4	27.9	— .3	.....
1902,	4	27.0	— .9	— 1.5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION--SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
STOVES, RANGES, HEATERS, ETC.				
1896,	29	39.5	.....	.....
1897,	29	39.4	— .1	.....
1898,	29	41.4	+2.0	.....
1899,	29	39.3	—2.1	.....
1900,	29	39.6	+ .3	.....
1901,	29	41.2	+1.6	.....
1902,	29	40.9	— .3	+1.4
BATH BOILERS, TANKS, ETC.				
1896,	2	19.8	.....	.....
1897,	2	19.6	— .2	.....
1898,	2	21.9	+2.3	.....
1899,	2	21.7	— .2	.....
1900,	2	20.3	—1.4	.....
1901,	2	20.9	+ .6	.....
1902,	2	19.4	—1.5	— .4
HARDWARE SPECIALTIES.				
1896,	13	42.0	.....	.....
1897,	13	39.1	—2.9	.....
1898,	13	39.8	+ .7	.....
1899,	13	37.1	—2.7	.....
1900,	13	36.7	— .4	.....
1901,	13	37.2	+ .5	.....
1902,	13	38.0	+ .8	—4.0

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
EDGE TOOLS.				
1896,	12	32.9	.....	.....
1897,	12	39.0	+6.1	.....
1898,	12	37.6	—1.4	.....
1899,	12	34.1	—3.5	.....
1900,	12	31.4	—2.7	.....
1901,	12	33.2	+1.8	.....
1902,	12	30.8	—2.4	—2.1
WRENCHES, PICKS, ETC.				
1896,	5	29.3	.....	.....
1897,	5	26.6	—2.7	.....
1898,	5	28.1	+1.5	.....
1899,	5	26.2	—1.9	.....
1900,	5	26.7	+ .5	.....
1901,	5	25.7	—1.0	.....
1902,	5	30.3	+4.6	+1.0
LOCOMOTIVES AND CARS BUILT AND REPAIRED.				
1896,	3	43.4	.....	.....
1897,	3	46.2	+2.8	.....
1898,	3	42.6	—3.6	.....
1899,	3	40.4	—2.2	.....
1900,	3	39.0	—1.4	.....
1901,	3	39.5	+ .5	.....
1902,	3	44.0	+4.5	+ .6

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WROUGHT IRON PIPE AND TUBES.				
1896,	5	18.2	.....	.....
1897,	5	18.0	— .2	.....
1898,	5	16.9	—1.1	.....
1899,	5	17.5	+ .6	.....
1900,	5	12.1	—5.4	.....
1901,	5	12.1	.....	.....
1902,	5	12.9	+ .8	—5.3
CAST IRON PIPE.				
1896,	3	24.3	.....	.....
1897,	3	21.2	—3.1	.....
1898,	3	20.1	—1.1	.....
1899,	3	19.3	— .8	.....
1900,	3	20.5	+1.2	.....
1901,	3	20.0	— .5	.....
1902,	3	19.0	—1.0	—5.3
BRASS, COPPER AND BRONZE GOODS.				
1896,	18	22.0	.....	.....
1897,	18	23.7	+1.7	.....
1898,	18	23.5	— .2	.....
1899,	18	18.4	—5.1	.....
1900,	18	21.0	+2.6	.....
1901,	18	20.6	— .4	.....
1902,	18	21.1	+ .5	— .9

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
IRON AND STEEL BRIDGES.				
1896,	7	17.2	.....	.....
1897,	7	18.1	+ .9	.....
1898,	7	17.4	— .7	.....
1899,	7	14.2	—3.2	.....
1900,	7	14.3	+ .1	.....
1901,	7	18.3	+4.0	.....
1902,	7	15.9	—2.4	—1.3
LOCOMOTIVES, STATIONARY ENGINES, ETC.				
1896,	9	35.6	.....	.....
1897,	9	35.6	.....	.....
1898,	9	35.5	— .1	.....
1899,	9	32.8	—2.7	.....
1900,	9	29.6	—3.2	.....
1901,	9	30.7	+1.1	.....
1902,	9	30.9	+ .2	—4.7
ENGINES, BOILERS, ETC.				
1896,	10	31.6	.....	.....
1897,	10	31.6	.....	.....
1898,	10	32.3	+ .7	.....
1899,	10	25.9	—6.4	.....
1900,	10	25.7	— .2	.....
1901,	10	27.9	+2.2	.....
1902,	10	26.4	—1.5	—5.2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CARS, SPRINGS, AXLES AND RAILWAY SUPPLIES.				
1896,	10	22.2	.....	.....
1897,	10	22.6	+ .4	.....
1898,	10	15.7	—6.9	.....
1899,	10	18.6	+2.9	.....
1900,	10	16.5	—2.1	.....
1901,	10	18.9	+2.4	.....
1902,	10	14.8	—4.1	—7.4
IRON VESSELS AND ENGINES.				
1896,	3	46.5	.....	.....
1897,	3	41.0	—5.5	.....
1898,	3	43.4	+2.4	.....
1899,	3	37.4	—6.0	.....
1900,	3	29.3	—8.1	.....
1901,	3	33.8	+4.5	.....
1902,	3	32.8	—1.0	—13.7
BOILERS, TANKS, STACKS, ETC.				
1896,	21	27.8	.....	.....
1897,	21	28.1	+ .3	.....
1898,	21	26.1	—2.0	.....
1899,	21	22.6	—3.5	.....
1900,	21	21.9	— .7	.....
1901,	21	22.3	+ .4	.....
1902,	21	23.5	+1.2	—4.3

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered..	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease(—) 1902 as compared with 1896.
MACHINERY.				
1896,	20	36.2	.....	.....
1897,	20	36.1	—1	.....
1898,	20	37.0	+9	.....
1899,	20	35.8	—1.2	.....
1900,	20	32.7	—3.1	.....
1901,	20	33.3	+6	.....
1902,	20	32.4	—9	—3.8
FOUNDRIES AND MACHINE SHOPS.				
1896,	25	36.2	.....	.....
1897,	25	33.6	—2.6	.....
1898,	25	33.2	—4	.....
1899,	25	30.2	—3.0	.....
1900,	25	29.8	—4	.....
1901,	25	33.4	+3.6	.....
1902,	25	31.8	—1.6	—4.4
FILES, ETC.				
1896,	2	33.9	.....	.....
1897,	2	33.6	—3	.....
1898,	2	29.4	—4.2	.....
1899,	2	29.8	+4	.....
1900,	2	29.4	—4	.....
1901,	2	26.2	—3.2	.....
1902,	2	27.4	+1.2	—6.5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SAWS.				
1896,	3	29.0	.....	.....
1897,	3	30.2	+1.2	.....
1898,	3	30.0	— .2	.....
1899,	3	28.8	—1.2	.....
1900,	3	24.4	—4.4	.....
1901,	3	25.9	+1.5	.....
1902,	3	27.2	+1.3	—1.8
PLUMBER SUPPLIES.				
1896,	3	38.9	.....	.....
1897,	3	39.2	+ .3	.....
1898,	3	39.5	+ .3	.....
1899,	3	35.0	—4.5	.....
1900,	3	38.8	+3.8	.....
1901,	3	36.9	—1.9	.....
1902,	3	34.4	—2.5	—4.5
ELECTRICAL SUPPLIES.				
1896,	4	34.9	.....	.....
1897,	4	34.2	— .7	.....
1898,	4	28.3	—5.9	.....
1899,	4	24.9	—3.4	.....
1900,	4	22.8	—2.1	.....
1901,	4	25.3	+2.5	.....
1902,	4	25.9	+ .6	—9.0

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SHOVELS, SPADES, SCOOPS, ETC.				
1896,	8	26.8	.....	.....
1897,	8	25.2	—1.6	.....
1898,	8	23.7	—1.5	.....
1899,	8	19.5	—4.2	.....
1900,	8	20.3	+ .8	.....
1901,	8	17.9	—2.4	.....
1902,	8	19.7	+1.8	—7.1
SAFES AND VAULT DOORS.				
1896,	2	36.0	.....	.....
1897,	2	38.0	+2.0	.....
1898,	2	39.9	+1.9	.....
1899,	2	38.2	—1.7	.....
1900,	2	30.9	—7.3	.....
1901,	2	30.5	— .4	.....
1902,	2	29.1	—1.4	—6.9
METAL AND METALLIC GOODS.				
1896,	3	36.3	.....	.....
1897,	3	35.7	— .6	.....
1898,	3	35.7	.....	.....
1899,	3	35.5	— .2	.....
1900,	3	34.6	— .9	.....
1901,	3	33.9	— .7	.....
1902,	3	36.6	+2.7	+ .3

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING AND STRUCTURAL IRON WORK.				
1896,	2	32.0	.....	.....
1897,	2	27.6	—4.4	.....
1898,	2	21.4	—6.2	.....
1899,	2	30.5	+9.1	.....
1900,	2	19.2	—11.3	.....
1901,	2	18.7	—5	.....
1902,	2	24.4	+5.7	—7.6
IRON CHAINS.				
1896,	5	27.7	.....	.....
1897,	5	28.8	+1.1	.....
1898,	5	29.4	+6	.....
1899,	5	24.0	—5.4	.....
1900,	5	24.5	+5	.....
1901,	5	25.4	+9	.....
1902,	5	29.3	+3.9	+1.6
IRON FENCES AND RAILINGS.				
1896,	7	31.4	.....	.....
1897,	7	33.6	+2.2	.....
1898,	7	30.6	—3.0	.....
1899,	7	26.8	—3.8	.....
1900,	7	28.8	+2.0	.....
1901,	7	27.3	—1.5	.....
1902,	7	24.8	—2.5	—6.6

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
AGRICULTURAL IMPLEMENTS.				
1896,	11	25.4	.....	.....
1897,	11	24.2	—1.2	.....
1898,	11	24.4	+ .2	.....
1899,	11	23.8	— .6	.....
1900,	11	23.8	.....	.....
1901,	11	23.9	+ .1	.....
1902,	11	24.2	+ .3	—1.2
STEAM PUMPS.				
1896,	2	36.3	.....	.....
1897,	2	41.3	+5.0	.....
1898,	2	35.7	—5.6	.....
1899,	2	40.5	+4.8	.....
1900,	2	29.9	—10.6	.....
1901,	2	38.9	+9.0	.....
1902,	2	37.7	—1.2	+1.4
BICYCLES.				
1896,	3	19.3	.....	.....
1897,	3	24.1	+4.8	.....
1898,	3	22.7	—1.4	.....
1899,	3	24.3	+1.6	.....
1900,	3	26.0	+1.7	.....
1901,	3	28.0	+2.0	.....
1902,	2	29.8	+1.8	+10.5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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PIANOS AND ORGANS.

1896,	2	35.9
1897,	2	35.1	— .8
1898,	2	33.5	—1.6
1899,	2	27.0	—6.5
1900,	2	30.7	+3.7
1901,	2	33.1	+2.4	.....
1902,	2	33.8	+ .7	—2.1

TINWARE.

1896,	5	22.5	.....	.....
1897,	5	22.9	+ .4	.....
1898,	5	22.0	— .9	.....
1899,	5	21.7	— .3	.....
1900,	5	24.2	+2.5	.....
1901,	5	26.6	+2.4	.....
1902,	5	30.8	+4.2	+8.3

PAPER MANUFACTORIES.

1896,	8	17.2	.....	.....
1897,	8	17.8	+ .6	.....
1898,	8	17.8	.....	.....
1899,	8	16.2	—1.6	.....
1900,	8	16.4	+ .2	.....
1901,	8	16.2	— .2	.....
1902,	8	17.3	+1.1	+ .1

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. value of wages to production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
WALL PAPER.				
1896,	3	14.6	.....	.....
1897,	3	13.4	—1.2	.....
1898,	3	13.2	— .2	.....
1899,	3	12.4	— .8	.....
1900,	3	14.5	+2.1	.....
1901,	3	15.7	+1.2	.....
1902,	3	16.3	+ .6	+1.7
CIGARS.				
1896,	46	25.4	.....	.....
1897,	46	25.2	— .2	.....
1898,	46	25.2	.....	.....
1899,	46	25.1	— .1	.....
1900,	46	25.6	+ .5	.....
1901,	46	26.1	+ .5	.....
1902,	46	22.6	—3.5	—2.8
BOOK BINDING.				
1896,	3	38.7	.....	.....
1897,	3	40.9	+2.2	.....
1898,	3	41.7	+ .8	.....
1899,	3	41.4	— .3	.....
1900,	3	45.3	+3.9	.....
1901,	3	43.7	—1.6	.....
1902,	3	42.9	— .8	+4.2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
CORDAGE, ROPE AND TWINE.				
1896,	5	13.0	.....	.....
1897,	5	14.5	+1.5	.....
1898,	5	13.6	— .9	.....
1899,	5	12.7	— .9	.....
1900,	5	10.7	—2.0	.....
1901,	5	10.6	— .1	.....
1902,	5	10.6	.....	—2.4
PAPER, PAPER BOXES, ENVELOPES, ETC.				
1896,	26	24.6	.....	.....
1897,	26	25.0	+ .4	.....
1898,	26	24.9	— .1	.....
1899,	26	24.4	— .5	.....
1900,	26	24.0	— .4	.....
1901,	26	24.0	.....	.....
1902,	26	24.2	+ .2	— .4
POTTERY.				
1896,	2	35.1	.....	.....
1897,	2	35.4	+ .3	.....
1898,	2	32.6	—2.8	.....
1899,	2	32.2	— .4	.....
1900,	2	33.7	+1.5	.....
1901,	2	33.8	+ .1	.....
1902,	2	38.6	+4.8	+3.5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
PAVING BRICK.				
1896,	7	42.9	.....	.....
1897,	7	41.4	—1.5	.....
1898,	7	40.3	—1.1	.....
1899,	7	42.5	+2.2	.....
1900,	7	39.3	—3.2	.....
1901,	7	50.1	+10.8	.....
1902,	7	41.1	—9.0	—1.8
BUILDING BRICK.				
1896,	33	42.5	.....	.....
1897,	33	42.5	.....	.....
1898,	33	43.6	+1.1	.....
1899,	33	41.2	—2.4	.....
1900,	33	42.1	+ .9	.....
1901,	33	42.8	+ .7	.....
1902,	33	39.7	—3.1	—2.8
FIRE BRICK.				
1896,	17	44.3	.....	.....
1897,	17	45.8	+1.5	.....
1898,	17	44.0	—1.8	.....
1899,	17	45.6	+1.6	.....
1900,	17	45.0	— .6	.....
1901,	17	50.4	+5.4	.....
1902,	17	43.2	—7.2	—1.2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SLATE ROOFING, ETC., TONNAGE.				
1896,	6	64.5	.....	.....
1897,	6	52.4	+12.1	.....
1898,	6	46.5	—5.9	.....
1899,	6	46.9	+ .4	.....
1900,	6	53.8	+6.9	.....
1901,	6	49.7	—4.1	.....
1902,	6	48.4	—1.3	—16.1
SLATE ROOFING, ETC., SQUARES.				
1896,	14	67.3	.....	.....
1897,	14	59.8	—7.5	.....
1898,	14	62.4	+2.6	.....
1899,	14	58.5	—3.9	.....
1900,	14	63.6	+5.1	.....
1901,	14	63.7	+ .1	.....
1902,	14	62.7	—1.0	—4.6
WINDOW GLASS, BOTTLES AND TABLE GOODS.				
1896,	21	44.9	.....	.....
1897,	21	44.7	— .2	.....
1898,	21	44.2	— .5	.....
1899,	21	43.4	— .8	.....
1900,	21	45.1	+1.7	.....
1901,	21	45.5	+ .4	.....
1902,	21	45.5	.....	+ .6

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
GLAZED AND CHROME KID.				
1896,	7	11.9	.....	.....
1897,	7	12.7	+ .8	.....
1898,	7	11.6	—1.1	.....
1899,	7	11.7	+ .1	.....
1900,	7	11.7	.....	.....
1901,	7	10.9	— .8	.....
1902,	7	11.1	+ .2	— .8
MEN'S, WOMEN'S, MISSES' AND CHILDREN'S SHOES.				
1896,	14	24.0	.....	.....
1897,	14	24.5	+ .5	.....
1898,	14	24.3	— .2	.....
1899,	14	24.0	— .3	.....
1900,	14	21.5	—2.5	.....
1901,	14	23.8	+2.3	.....
1902,	14	22.2	—1.6	—1.8
SUSPENDERS.				
1896,	2	9.7	.....	.....
1897,	2	9.7	.....	.....
1898,	2	10.5	+ .8	.....
1899,	2	12.7	+2.2	.....
1900,	2	12.2	— .5	.....
1901,	2	8.8	—3.4	.....
1902,	2	10.2	+1.4	+ .5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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HATS AND CAPS.

1896,	3	23.1
1897,	3	22.9	— .2
1898,	3	23.9	+1.0
1899,	3	27.5	+3.6
1900,	3	23.5	—4.0
1901,	3	23.4	— .1
1902,	3	23.3	— .1	+ .2

FUR AND FELT HATS.

1896,	4	26.6	.....	.....
1897,	4	33.0	+6.4	.....
1898,	4	34.4	+1.4	.....
1899,	4	32.9	—1.5	.....
1900,	4	32.4	— .5	.....
1901,	4	33.2	+ .8	.....
1902,	4	32.9	— .3	+6.3

WOOL HATS.

1896,	7	24.1	.....	.....
1897,	7	22.0	—2.1	.....
1898,	7	22.1	+ .1	.....
1899,	7	21.9	— .2	.....
1900,	7	23.4	+1.5	.....
1901,	7	23.8	+ .4	.....
1902,	7	23.2	— .6	— .9

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
UMBRELLAS AND PARASOLS.				
1896,	4	12.3	.....	.....
1897,	4	14.4	+2.1	.....
1898,	4	11.7	—2.7	.....
1899,	4	11.7	.....	.....
1900,	4	11.9	+2	.....
1901,	4	11.6	—3	.....
1902,	4	12.5	+9	+2
DRESS TRIMMINGS, BRAIDS, ETC.				
1896,	8	24.5	.....	.....
1897,	8	25.8	+1.3	.....
1898,	8	24.2	—1.6	.....
1899,	8	23.0	—1.2	.....
1900,	8	24.3	+1.3	.....
1901,	8	24.3	.....	.....
1902,	8	25.9	+1.6	+1.4
SHIRTS AND SHIRT WAISTS.				
1896,	9	25.1	.....	.....
1897,	9	25.3	+2	.....
1898,	9	24.7	—6	.....
1899,	9	25.8	+1.1	.....
1900,	9	26.1	+3	.....
1901,	9	26.8	+7	.....
1902,	9	27.2	+4	+2.1

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
NECKWEAR.				
1896,	3	19.1	.....	.....
1897,	3	17.8	—1.3	.....
1898,	3	18.4	+ .6	.....
1899,	3	16.9	—1.5	.....
1900,	3	16.7	— .2	.....
1901,	3	15.9	— .8	.....
1902,	3	17.1	+1.2	—2.0
COTTON AND WOOLEN CLOTHS.				
1896,	23	26.2	.....	.....
1897,	23	25.7	— .5	.....
1898,	23	25.5	— .2	.....
1899,	23	23.4	—2.1	.....
1900,	23	24.7	+1.3	.....
1901,	23	23.8	— .9	.....
1902,	23	24.0	+ .2	—2.2
CARPETS.				
1896,	17	21.6	.....	.....
1897,	17	21.7	+ .1	.....
1898,	17	20.7	—1.0	.....
1899,	17	19.8	— .9	.....
1900,	17	20.1	+ .3	.....
1901,	17	19.2	— .9	.....
1902,	17	19.0	— .2	—2.6

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON GOODS.				
1896,	16	29.6	.....	.....
1897,	16	29.9	+ .3	.....
1898,	16	31.1	+ 1.2	.....
1899,	16	31.2	+ .1	.....
1900,	16	29.9	— 1.3	.....
1901,	16	28.4	— 1.5	.....
1902,	16	29.2	+ .8	— .4
WOOLEN AND WORSTED CASSIMERES.				
1896,	10	21.3	.....	.....
1897,	10	20.1	— 1.2	.....
1898,	10	20.2	+ .1	.....
1899,	10	18.9	— 1.3	.....
1900,	10	20.1	+ 1.2	.....
1901,	10	17.9	+ 2.2	.....
1902,	10	22.8	+ 4.9	+ 1.5
WOOLEN AND WORSTED FABRICS.				
1896,	15	20.6	.....	.....
1897,	15	20.0	— .6	.....
1898,	15	20.0	.....	.....
1899,	15	20.0	.....	.....
1900,	15	19.2	— .8	.....
1901,	15	18.3	— .9	.....
1902,	15	18.3	.....	— 2.3

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WOOLEN AND WORSTED YARNS.

1896,	12	20.4
1897,	12	15.8	—4.6
1898,	12	11.8	—4.0
1899,	12	10.2	—1.6
1900,	12	12.5	+2.3	.....
1901,	12	12.9	+ .4	.....
1902,	12	11.8	—1.1	—8.6

RUGS, YARNS, ETC.

1896,	5	24.7	.....	.....
1897,	5	24.4	— .3	.....
1898,	5	25.3	+ .9	.....
1899,	5	26.0	+ .7	.....
1900,	5	25.8	— .2	.....
1901,	5	27.8	+2.0	.....
1902,	5	25.1	—2.7	+ .4

CARPET YARNS.

1896,	11	15.6	.....	.....
1897,	11	13.3	—2.3	.....
1898,	11	13.8	+ .5	.....
1899,	11	13.8	.....	.....
1900,	11	14.1	+ .3	.....
1901,	11	14.8	+ .7	.....
1902,	11	15.1	+ .3	— .5

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
COTTON YARNS.				
1896,	7	16.6	.....	.....
1897,	7	17.6	+1.0	.....
1898,	7	19.2	+1.6	.....
1899,	7	18.3	— .9	.....
1900,	7	16.7	—1.6	.....
1901,	7	17.3	+ .6	.....
1902,	7	17.9	+ .6	+1.3
WORSTED, WOOLEN AND COTTON YARNS.				
1896,	9	18.4	.....	.....
1897,	9	15.8	—2.6	.....
1898,	9	17.2	+1.4	.....
1899,	9	14.2	—3.0	.....
1900,	9	13.5	— .7	.....
1901,	9	14.4	+ .9	.....
1902,	9	13.0	—1.4	—5.4
WOOLEN, BLANKETS, FLANNELS, ETC.				
1896,	5	20.0	.....	.....
1897,	5	21.6	+1.6	.....
1898,	5	16.6	—5.0	.....
1899,	5	19.7	+3.1	.....
1900,	5	19.3	— .4	.....
1901,	5	17.9	—1.4	.....
1902,	5	17.3	— .6	—2.7

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
LACE GOODS.				
1896,	3	21.3	.....	.....
1897,	3	20.6	— .7	.....
1898,	3	22.1	+1.5	.....
1899,	3	24.0	+1.9	.....
1900,	3	27.8	+3.8	.....
1901,	3	26.7	—1.1	.....
1902,	3	26.0	— .7	+4.7
CHENILLE GOODS.				
1896,	3	27.5	.....	.....
1897,	3	29.5	+2.0	.....
1898,	3	28.9	— .6	.....
1899,	3	30.6	+1.7	.....
1900,	3	34.6	+4.0	.....
1901,	3	34.2	— .4	.....
1902,	4	32.8	—1.4	+5.3
UPHOLSTERY GOODS.				
1896,	8	24.4	.....	.....
1897,	8	26.1	+1.7	.....
1898,	8	26.8	+0.7	.....
1899,	8	25.4	—1.4	.....
1900,	8	26.5	+1.1	.....
1901,	8	27.4	+0.9	.....
1902,	8	27.6	+0.2	+3.2

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
KNIT GOODS, UNDERWEAR.				
1896,	13	20.6	.....	.....
1897,	13	20.2	— .4	.....
1898,	13	19.6	— .6	.....
1899,	13	20.5	+ .9	.....
1900,	13	18.7	— 1.8	.....
1901,	13	19.4	+ .7	.....
1902,	13	21.8	+ 2.4	+ 1.2
HOSIERY.				
1896,	31	30.2	.....	.....
1897,	31	30.5	+ .3	.....
1898,	31	30.4	— .1	.....
1899,	31	30.7	+ .3	.....
1900,	31	30.9	+ .2	.....
1901,	31	30.8	— .1	.....
1902,	31	31.8	+ 1.0	+ 1.6
SILK—BROAD GOODS, THROWN SILK, YARNS, ETC.				
1896,	5	16.5	.....	.....
1897,	5	16.2	— .3	.....
1898,	5	15.8	— .4	.....
1899,	5	13.5	— 2.3	.....
1900,	5	13.8	+ .3	.....
1901,	5	15.3	+ 1.5	.....
1902,	5	15.1	— .2	— 1.4

RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—Continued.

COMPARISON OF RELATIVE PER CENT. OF WAGES TO VALUE OF PRODUCTION—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Relative per cent. wages to value of production.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIBBONS.				
1896,	2	22.4	.....	.....
1897,	2	20.1	—2.3	.....
1898,	2	17.8	—2.3	.....
1899,	2	16.8	—1.0	.....
1900,	2	16.7	—1	.....
1901,	2	16.9	+2	.....
1902,	2	16.3	—6	—6.1
SILK—RIBBONS.				
1896,	4	17.8	.....	.....
1897,	4	20.9	+3.1	.....
1898,	4	20.0	—9	.....
1899,	4	21.0	+1.0	.....
1900,	4	20.2	—8	.....
1901,	4	22.1	+1.9	.....
1902,	4	20.5	—1.6	+2.7

PRODUCTION IN TONS OR QUANTITY.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

NOTE.—In this table the aggregate production, in tons or quantity by the same establishments for the years 1896, 1897, 1898, 1899, 1900, 1901 and 1902 is presented, with the relative increase or decrease, together with the increase or decrease 1902 over 1896. Eighty-eight industries, representing 771 establishments are considered.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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STEEL CASTINGS.

		Tons.		
1896,	7	17,362
1897,	7	18,313	+951
1898,	7	27,786	+9,473
1899,	7	34,845	+7,059
1900,	7	33,231	—1,614	.....
1901,	7	30,501	—2,730	.....
1902,	7	42,116	+11,615	+24,754

STEEL BILLETS, SLABS,
BLOOMS, ETC.

1896,	4	429,553	.....	.....
1897,	4	674,744	+245,191	.....
1898,	4	722,475	+47,731	.....
1899,	4	842,183	+119,708	.....
1900,	4	675,994	—166,189	.....
1901,	4	863,499	+187,505	.....
1902,	4	840,986	—22,513	+411,433

TOOL STEEL.

1896,	3	1,286	.....	.....
1897,	3	694	—592	.....

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
TOOL STEEL—Continued.				
		Tons.		
1898,	3	1,086	+392	.....
1899,	3	1,295	+209	.....
1900,	3	1,667	+372	.....
1901,	3	2,424	+757	.....
1902,	3	3,428	+1,004	+2,142
IRON AND STEEL FORGINGS.				
1896,	7	4,110	.....	.....
1897,	7	3,553	—557	.....
1898,	7	6,866	+3,313	.....
1899,	7	9,813	+2,947	.....
1900,	7	9,159	—654	.....
1901,	7	9,401	+242	.....
1902,	7	10,225	+824	+6,115
IRON SPECIALTIES.				
1896,	2	1,209	.....	.....
1897,	2	2,510	+1,301	.....
1898,	2	1,061	—1,449	.....
1899,	2	913	—148	.....
1900,	2	1,017	+104	.....
1901,	3	1,265	+248	.....
1902,	2	1,520	+255	+311
MALLEABLE IRON.				
1896,	4	30,888	.....	.....
1897,	4	27,466	—3,422	.....

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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MALLEABLE IRON.—Continued.

		Tons.		
1898,	4	38,228	+10,762
1899,	4	44,852	+6,624
1900,	4	38,963	—5,889
1901,	4	33,182	—5,781	.....
1902,	4	36,587	+3,405	+5,699

WIRE NAILS AND RIVETS.

1896,	4	20,831	.....	.....
1897,	4	43,831	+23,000	.....
1898,	4	33,170	—10,661	.....
1899,	4	37,245	+4,075	.....
1900,	4	22,514	—14,731	.....
1901,	4	15,159	—7,355	.....
1902,	4	15,149	—10	—5,682

TACKS, SMALL NAILS, ETC.,

1896,	4	1,357	.....	.....
1897,	4	1,474	+117	.....
1898,	4	1,243	—231	.....
1899,	4	2,287	+1,044	.....
1900,	4	1,975	—312	.....
1901,	4	2,311	+336	.....
1902,	4	2,172	—139	+815

WIRE.

1896,	5	3,323	.....	.....
1897,	5	3,531	+208	.....

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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WIRE—Continued.

		Tons.		
1898,	5	3,731	+200
1899,	5	4,024	+293
1900,	5	3,944	—80
1901,	5	4,889	—945
1902,	5	4,450	—439	+1,127

WIRE ROPE.

1896,	2	3,406	.....	.....
1897,	2	3,420	+14	.....
1898,	2	3,749	+329	.....
1899,	2	4,880	+1,131	.....
1900,	2	6,443	+1,563	.....
1901,	2	6,707	+264	.....
1902,	2	6,994	+287	+3,588

WROUGHT IRON PIPE AND TUBES.

1896,	5	281,068	.....	.....
1897,	5	297,601	+16,533	.....
1898,	5	358,304	+60,703	.....
1899,	5	452,513	+94,209	.....
1900,	5	295,574	—156,939	.....
1901,	5	410,878	+115,304	.....
1902,	5	321,179	—89,699	+40,111

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantlty.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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CAST IRON PIPE.

		Tons.		
1896,	3	50,730
1897,	3	72,030	+21,300
1898,	3	79,212	+7,182
1899,	3	61,344	—17,868
1900,	3	74,456	+13,112	.....
1901,	3	78,122	+3,666	.....
1902,	3	80,806	+2,684	+30,076

IRON AND STEEL BRIDGES.

1896,	7	58,396	.....	.....
1897,	7	54,013	—4,383	.....
1898,	7	73,781	+19,768	.....
1899,	7	81,970	+8,189	.....
1900,	7	134,231	+52,261	.....
1901,	7	108,276	—25,955	.....
1902,	7	124,167	+15,891	+66,771

IRON CHAINS.

1896,	5	4,877	.....	.....
1897,	5	4,898	+21	.....
1898,	5	6,307	+1,409	.....
1899,	5	6,745	+439	.....
1900,	5	6,597	—148	.....
1901,	5	5,956	—641	.....
1902,	5	12,097	+6,141	+7,220

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
PAPER MANUFACTORIES.				
		Tons.		
1896,	8	63,953	.....	.....
1897,	8	59,852	—4,101	.....
1898,	8	55,014	—4,838	.....
1899,	8	67,929	+12,915	.....
1900,	8	71,184	+3,255	.....
1901,	8	71,878	+694	.....
1902,	8	85,524	+13,646	+21,571
WALL PAPER.				
		Rolls.		
1896,	3	13,502,000	.....	.....
1897,	3	16,748,793	+3,246,793	.....
1898,	3	20,288,362	+3,539,569	.....
1899,	3	18,458,252	—1,830,110	.....
1900,	3	19,614,145	+1,155,893	.....
1901,	3	21,680,030	+2,065,885	.....
1902,	3	22,398,173	+718,143	+8,896,173
CIGARS.				
		Cigars.		
1896,	46	308,825,191	.....	.....
1897,	46	364,270,636	+55,445,445	.....
1898,	46	362,674,423	—1,596,213	.....
1899,	46	396,987,894	+34,313,471	.....
1900,	46	420,548,723	+23,560,829	.....
1901,	46	400,893,737	—19,654,986	.....
1902,	46	396,926,679	—3,967,058	+88,101,488

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
BUILDING BRICK.				
		Bricks.		
1896,	33	212,119,969	.....	.....
1897,	33	203,719,164	—8,400,805	.....
1898,	33	229,260,821	+25,541,657	.....
1899,	33	230,416,447	+1,155,626	.....
1900,	33	213,622,520	—16,793,927	.....
1901,	33	208,577,507	—5,055,013	.....
1902,	33	233,951,019	+25,373,512	+21,831,050
FIRE BRICK.				
		Tons.		
1896,	17	329,925	.....	.....
1897,	17	330,914	+989	.....
1898,	17	408,796	+77,882	.....
1899,	17	538,099	+129,303	.....
1900,	17	666,863	+128,764	.....
1901,	17	693,977	+27,114	.....
1902,	17	920,237	+226,260	+590,312
SLATE ROOFING, ETC., TON- NAGE.				
1896,	6	33,936	.....	.....
1897,	6	43,595	+9,659	.....
1898,	6	37,109	—6,486	.....
1899,	6	35,560	—1,549	.....
1900,	6	59,951	+24,391	.....
1901,	6	68,902	+8,951	.....
1902,	6	53,033	—15,869	+19,097

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease(—) as compared with the preceding year.	Increase(+) or decrease(—) 1902 as compared with 1896.
SLATE ROOFING, ETC., SQUARES.				
		Squares.		
1896,	14	180,098	.....	.....
1897,	14	223,844	+43,746	.....
1898,	14	273,928	+50,084	.....
1899,	14	287,826	+13,898	.....
1900,	14	265,796	—22,030	.....
1901,	14	286,526	+20,730	.....
1902,	14	306,099	+119,573	+126,001
GLAZED AND CHROME KID.				
		Dozens.		
1896,	7	887,242	.....	.....
1897,	7	1,139,807	+252,565	.....
1898,	7	1,332,785	+192,978	.....
1899,	7	1,688,109	+355,324	.....
1900,	7	1,487,228	—200,881	.....
1901,	7	1,851,886	+364,658	.....
1902,	7	1,724,587	—127,299	+837,345
MEN'S, WOMEN'S, MISSES AND CHILDREN'S SHOES.				
		Pairs.		
1896,	14	2,876,745	.....	.....
1897,	14	3,230,838	+354,093	.....
1898,	14	3,235,548	+4,710	.....
1899,	14	3,657,680	+422,132	.....
1900,	14	3,535,684	—121,996	.....
1901,	14	3,589,210	+53,526	.....
1902,	14	3,705,991	+116,781	+829,246

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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SUSPENDERS.

		Dozens.		
1896,	2	142,000
1897,	2	152,000	+10,000
1898,	2	165,000	+13,000
1899,	2	180,500	+15,500
1900,	2	266,000	+85,500	.....
1901,	2	450,000	+184,000	.....
1902,	2	317,250	—132,750	+175,250

HATS AND CAPS.

1896,	3	65,867	.....	.....
1897,	3	103,934	+38,067	... ..
1898,	3	100,663	—3,271	.....
1899,	3	96,229	—4,434	.....
1900,	3	111,091	+14,862	.....
1901,	3	139,964	+28,873	.....
1902,	3	125,718	—14,246	+59,851

FUR AND FELT HATS.

1896,	4	47,026	.....	.....
1897,	4	51,025	+3,999	.....
1898,	4	55,925	+4,900	.....
1899,	4	64,127	+8,202	.....
1900,	4	78,437	+14,310	.....
1901,	4	90,025	+11,588	.....
1902,	4	99,277	+9,252	+52,251

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
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WOOL HATS.

Dozens.

1896,	7	171,988
1897,	7	195,956	+23,968
1898,	7	201,718	+5,762
1899,	7	208,122	+6,404
1901,	7	271,322	+63,200	.....
1902,	7	241,180	—30,142	.....
1902,	7	242,648	+1,468	+70,660

UMBRELLAS AND PARASOLS.

Pieces.

1896,	4	825,571	.....	.....
1897,	4	889,043	+63,472	.....
1898,	4	889,252	+209	.....
1899,	4	942,826	+53,574	.....
1900,	4	865,998	—76,828	.....
1901,	4	979,913	+113,915	.....
1902,	4	835,031	—144,882	+9,460

SHIRTS AND SHIRT WAISTS.

Dozens.

1896,	9	196,648	.....	.....
1897,	9	190,793	—5,855	.....
1898,	9	337,213	+146,420	.....
1899,	9	393,622	+56,409	.....
1900,	9	398,536	+4,914	.....
1901,	9	389,018	—9,518	.....
1902,	9	439,173	+50,155	+242,525

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (-) as com- pared with the preced- ing year.	Increase (+) or de- crease(-) 1902 as compared with 1896.
CARPETS.				
		Yards.		
1896,	17	10,752,952	.....	.....
1897,	17	13,612,975	+2,860,023	.....
1898,	17	12,904,587	-708,388	.....
1899,	17	15,648,813	+2,744,226	.....
1900,	17	13,510,867	-2,137,946	.....
1901,	17	14,978,827	+1,467,960	.....
1902,	17	15,786,703	+807,876	+5,033,751
WOOLEN AND WORSTED YARNS.				
		Pounds.		
1896,	12	9,334,353	.....	.....
1897,	12	13,427,749	+4,093,396	.....
1898,	12	9,307,876	-4,119,873	.....
1899,	12	9,705,579	+397,703	.....
1900,	12	9,383,095	-322,484	.....
1901,	12	9,156,971	-226,124	.....
1902,	12	11,441,219	+2,284,248	+2,106,866
CARPET YARNS.				
1896,	11	10,789,500	.....	.....
1897,	11	13,882,000	+3,092,500	.....
1898,	11	11,499,606	-2,382,394	.....
1899,	11	15,271,761	+3,772,155	.....
1900,	11	14,337,344	-934,417	.....
1901,	11	14,603,056	+265,712	.....
1902,	11	14,968,273	+365,217	+4,178,773

PRODUCTION IN TONS OR QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of establishments considered.	Total production in tons or given quantity.	Increase(+) or decrease (—) as compared with the preceding year.	Increase (+) or decrease (—) 1902 as compared with 1896.
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COTTON YARNS.

		Pounds.		
1896,	7	7,753,685
1897,	7	8,278,160	+524,475
1898,	7	9,070,922	+792,762
1899,	7	9,278,304	+207,382	.....
1900,	7	8,941,662	—336,642	.....
1901,	7	7,935,951	—1,005,711	.....
1902,	7	7,870,893	—65,058	+117,208

WORSTED WOOLEN AND COTTON YARNS.

1896,	9	4,809,333	.....	.....
1897,	9	5,852,935	+1,043,602	.....
1898,	9	5,030,001	—822,934	.....
1899,	9	5,859,619	+829,618	.....
1900,	9	5,548,277	—311,342	.....
1901,	9	6,239,229	+690,952	.....
1902,	9	6,199,469	—39,760	+1,390,136

HOSIERY.

		Dozens.		
1896,	31	4,463,537	.....	.....
1897,	31	5,366,913	+903,376	.....
1898,	31	7,181,631	+1,814,718	.....
1899,	31	5,934,516	—1,247,115	.....
1900,	31	5,939,122	+4,606	.....
1901,	31	6,166,032	+226,910	.....
1902,	31	6,551,860	+385,828	+2,088,323

PRODUCTION IN TONS AND QUANTITY—Continued.

COMPARISON OF AGGREGATE TOTAL PRODUCTION, IN TONS, OR GIVEN QUANTITY—SAME ESTABLISHMENTS, FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Character of Industry and Years.	Number of es- tablish- ments consid- ered.	Total produc- tion in tons or given quantity.	Increase(+) or decrease (—) as com- pared with the preced- ing year.	Increase (+) or de- crease(—) 1902 as compared with 1896.
SILK—BROAD GOODS AND RIB- BONS.				
		Yards.		
1896,	2	2,126,571	.....	.....
1897,	2	3,304,064	+1,177,493	.....
1898,	2	3,712,633	+408,569	.....
1899,	2	5,668,697	+1,956,064	.....
1900,	2	6,388,130	+719,433	.....
1901,	2	3,163,175	—3,224,955	.....
1902,	2	6,485,492	+3,322,317	+4,358,921
SILK—RIBBONS.				
1896,	4	10,319,945	.....	.....
1897,	4	9,934,072	—385,873	.....
1898,	4	13,346,776	+3,412,704	.....
1899,	4	15,984,362	+2,637,586	.....
1900,	4	15,209,686	—774,676	.....
1901,	4	23,694,069	+8,484,383	.....
1902,	4	33,276,613	+9,582,544	+22,956,668

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,744,982	\$418,609	290	1,016
2.	Steel billets, slabs, blooms, etc.,	4	13,137,175	5,724,832	204	1,392
3.	Tool steel, etc.,	3	480,000	146,601	267	160
4.	Iron and steel forgings,	7	431,000	141,286	256	254
5.	Iron specialties,	2	35,000	47,113	301	37
6.	Malleable iron,	4	440,000	590,308	232	1,575
7.	Bolts, nuts, etc.,	7	1,754,000	505,453	240	750
8.	Wire nails, rivets, etc.,	4	1,005,000	521,603	241	499
9.	Tacks and small nails,	4	163,500	48,253	226	118
10.	Wire,	5	480,000	118,055	285	97
11.	Wire rope,	2	690,000	292,275	302	158
12.	Wire goods,	5	150,950	45,611	296	194
13.	Wagon and carriage axles and springs,	5	570,475	154,688	255	324
14.	Scales, etc.,	4	166,000	79,428	276	113
15.	Stoves, ranges, heaters, etc.,	29	5,308,362	827,732	210	3,362
16.	Bath boilers, tanks, etc.,	2	52,820	33,394	309	26
17.	Hardware specialties,	13	2,980,906	626,848	264	2,433
18.	Edge tools,	12	1,675,197	453,478	246	818
19.	Wrenches, picks, etc.,	5	564,000	118,234	240	248
20.	Locomotives and cars built and repaired,	3	1,464,400	3,738,754	273	6,254
21.	Wrought iron pipe and tubes,	5	13,555,000	7,973,945	283	5,324
22.	Cast iron pipe,	3	340,000	573,580	303	507
23.	Brass, copper and bronze goods,	18	1,818,192	1,132,224	295	1,182
24.	Iron and steel bridges,	7	961,050	2,008,501	294	1,169
25.	Locomotives, stationary engines, etc.,	9	11,222,730	4,229,510	306	5,587
26.	Engines, boilers, etc.,	10	3,908,958	1,557,093	295	1,922
27.	Cars, springs, axles and railway supplies,	10	6,000,325	2,000,778	257	2,063
28.	Iron vessels and engines,	8	7,039,973	1,923,035	306	4,044
29.	Boilers, tanks, stacks, etc.,...	21	1,544,562	761,415	286	1,161

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen	Market value of production.	Average value of production for each workman employed.	Average yearly earn-	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$463,012	\$1,496,055	\$1,472 49	\$455 72	\$1 54	27.9	30.9	17,362 tons.	1
621,985	7,149,210	5,135 93	446 83	2 19	80.0	8.7	429,553	2
88,646	433,801	2,711 26	554 04	2 08	33.8	20.4	1,286	3
121,567	366,163	1,047 89	478 61	1 87	38.6	33.2	4,110	4
17,700	77,936	2,107 19	478 33	1 59	60.4	22.8	1,209	5
709,933	1,933,107	1,227 37	450 75	1 54	30.5	36.7	30,888	6
319,833	1,092,865	1,457 15	426 44	1 78	46.3	29.3	.....	7
158,859	924,754	1,853 21	318 35	1 32	56.4	17.2	20,331	8
34,122	115,749	980 92	289 18	1 28	41.7	29.5	1,357	9
44,882	228,163	2,352 20	462 70	1 62	51.7	19.7	3,323	10
70,108	615,004	3,892 43	443 72	1 47	47.5	11.4	3,406	11
56,708	217,040	1,118 66	292 31	99	21.0	26.1	.....	12
163,117	512,166	1,580 76	503 45	1 97	30.0	31.8	.....	13
66,550	233,592	2,067 18	588 94	2 13	34.0	28.5	.....	14
584,029	4,009,486	1,192 62	471 16	2 25	20.6	39.5	.....	15
12,091	61,186	2,353 31	465 04	1 50	54.6	19.8	.....	16
991,873	2,361,910	970 77	407 67	1 54	26.5	42.0	.....	17
356,401	1,083,068	1,324 04	435 70	1 77	41.9	32.9	.....	18
106,369	363,054	1,463 93	428 91	1 79	32.5	29.3	.....	19
3,035,897	6,983,962	1,116 72	485 43	1 78	54.2	43.4	.....	20
2,170,688	11,907,420	2,236 56	407 72	1 44	66.9	18.2	281,068	21
209,338	862,648	1,701 48	412 89	1 37	66.5	24.3	50,730	22
481,087	2,183,935	1,847 67	407 01	1 38	51.9	22.0	.....	23
590,081	3,429,136	2,933 39	504 77	1 72	58.5	17.2	58,396	24
3,137,295	8,792,061	1,573 66	561 53	1 84	48.1	35.6	.....	25
1,003,538	3,230,705	1,680 91	522 13	1 77	48.2	31.6	.....	26
882,033	3,968,546	1,923 68	427 55	1 66	50.4	22.2	.....	27
2,320,747	4,991,255	1,234 24	573 87	1 88	38.5	46.5	.....	28
542,277	1,951,211	1,680 63	467 08	1 63	39.0	27.8	.....	29

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Machinery,	20	\$8,798,408	\$1,741,804	301	3,721
31.	Foundries and machine shops,	25	3,041,550	875,986	286	2,127
32.	Files, etc.,	2	510,000	95,440	275	331
33.	Saws,	3	310,000	37,000	229	56
34.	Plumbers' supplies,	3	2,105,073	*	281	960
35.	Electrical supplies,	4	12,815,696	1,337,362	289	2,528
36.	Shovels, scoops, spades, etc.,	8	651,100	313,871	210	545
27.	Safes and vault doors,	2	80,000	66,274	307	123
38.	Metal and metallic goods, ...	3	280,400	47,136	234	194
39.	Building and structural iron work,	2	823,000	522,534	301	752
40.	Iron chains,	5	253,542	127,022	264	231
41.	Iron fences and railings,	7	40,500	47,937	293	79
42.	Agricultural implements,	11	833,000	1,017,831	287	1,271
43.	Steam pumps,	2	280,000	146,725	307	153
44.	Bicycles,	3	200,000	364,789	268	222
45.	Pianos and organs,	2	51,000	32,563	271	80
46.	Tinware,	5	372,700	218,233	301	284
47.	Paper manufactories,	8	4,257,961	1,583,061	262	1,521
48.	Wall paper,	3	285,000	356,658	254	330
49.	Cigars,	46	2,805,477	2,703,269	287	6,559
50.	Book binding,	3	125,000	62,699	301	138
51.	Cordage, rope, twine,	5	3,260,000	3,362,991	288	2,055
52.	Paper, paper boxes, envelopes, etc.,	26	1,464,380	921,157	297	1,799
53.	Pottery,	2	510,000	68,215	302	146
54.	Paving brick,	7	481,200	32,949	255	437
55.	Building brick,	33	3,514,700	170,663	233	1,810
56.	Fire brick,	17	2,240,600	423,138	283	1,868
57.	Slate roofing, etc., tonnage,..	6	1,021,451	32,540	229	830
58.	Slate roofing, etc., squares,..	14	511,916	55,722	233	1,254
59.	Window glass, bottles, and and table goods,	21	13,432,300	1,489,593	240	7,026
60.	Glazed and chrome kld, ...	7	3,857,983	5,635,016	299	2,725

*Incomplete returns of value of basic material.

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$1,955,967	\$5,397,999	\$1,450 69	\$525 65	\$1 75	32.4	36.2	.....	30
957,623	2,643,208	1,242 69	450 22	1 57	33.1	36.2	.....	31
108,895	321,222	970 46	328 99	1 20	29.7	33.9	.....	32
25,745	88,186	1,574 75	459 73	2 01	42.0	29.0	.....	33
418,864	1,078,000	1,122 92	436 32	1 55	....	38.9	.....	34
1,276,087	3,653,461	1,445 20	504 78	1 75	36.6	34.9	.....	35
217,581	513,578	1,492 80	399 23	1 90	38.6	26.8	.....	36
54,556	151,546	1,183 95	426 22	1 39	43.7	36.0	.....	37
58,892	161,989	834 99	303 56	1 29	29.1	36.3	.....	38
382,148	1,195,156	1,589 30	508 18	1 60	42.8	32.0	.....	39
91,526	331,059	1,433 15	396 22	1 50	38.4	27.7	4,877 tons.	40
37,512	119,501	1,512 67	474 84	1 62	40.1	31.4	.....	41
566,269	2,227,494	1,752 55	445 53	1 55	45.0	25.4	.....	42
121,368	334,056	2,183 31	793 26	2 58	43.9	36.3	.....	43
117,134	606,001	2,729 23	527 63	1 91	60.2	19.3	.....	44
33,894	94,227	1,179 09	423 67	1 56	34.5	35.9	.....	45
107,539	477,000	1,679 57	378 66	1 26	45.8	22.5	.....	46
580,874	3,370,998	2,216 30	381 90	1 46	47.0	17.2	63,953	47
103,844	709,613	2,150 33	311 67	1 24	50.3	14.6	13,502,000 rolls.	48
1,813,388	7,138,707	1,088 40	276 47	96	37.9	25.4	308,825,191 cigars.	49
64,957	167,856	1,216 35	470 70	1 56	37.3	38.7	.....	50
618,977	4,777,490	2,324 81	301 21	1 05	70.4	13.0	.....	51
488,894	1,985,909	1,103 81	271 76	91	46.4	24.6	.....	52
72,562	206,732	1,415 97	497 00	1 64	32.9	35.1	.....	53
142,710	333,078	762 19	326 54	1 28	9.9	42.9	35,269,988 brick.	54
632,143	1,486,354	821 19	349 25	1 50	11.5	42.5	212,119,969 bricks.	55
727,162	1,639,926	877 90	389 26	1 37	25.8	44.3	329,925 tons.	56
251,993	390,376	470 33	302 61	1 33	8.3	64.5	33,936 tons.	57
397,384	590,366	470 79	316 89	1 33	9.4	67.2	180,098 squares.	58
2,658,750	5,925,623	843 39	378 42	1 58	25.1	44.9	.....	59
962,342	8,049,657	2,964 00	853 15	1 18	70.0	11.9	887,242 dozen.	60

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Men's, women's, misses and children's shoes,	14	\$2,102,713	\$2,436,811	281	3,151
62.	Suspenders,	2	82,000	200,936	295	110
63.	Hats and caps,	3	273,592	284,490	284	490
64.	Fur and felt hats,	4	2,773,726	443,621	307	963
65.	Wool hats,	7	338,997	270,432	274	395
66.	Umbrellas and parasols,	4	407,435	656,219	307	589
67.	Dress trimmings, braids, etc.,	8	1,158,296	536,719	287	1,104
68.	Shirts and shirt waists,	9	905,500	984,847	286	1,804
69.	Neckwear,	3	135,000	217,642	308	190
70.	Cotton and woolen cloths, ..	23	3,253,847	2,859,386	269	4,406
71.	Carpets,	17	3,150,625	2,131,394	264	2,263
72.	Cotton goods,	16	2,767,649	1,442,767	262	2,807
73.	Woolen and worsted cassimeres,	10	1,261,633	1,009,246	269	1,332
74.	Woolen and worsted fabrics,	15	2,927,836	2,009,245	247	2,745
75.	Woolen and worsted yarn, ..	12	2,669,270	1,211,445	248	1,526
76.	Rugs, yarns, etc.,	5	5,360,733	1,954,855	256	3,134
77.	Carpet yarns,	11	953,500	839,240	265	563
78.	Cotton yarns,	7	1,240,209	760,547	265	695
79.	Worsted, woolen and cotton yarns,	9	1,705,274	1,214,221	238	1,272
80.	Woolen blankets, flannels, etc.,	5	669,730	620,465	304	717
81.	Lace goods,	3	741,000	190,499	274	763
82.	Chenille goods,	8	470,000	297,395	279	610
83.	Upholstery goods,	8	1,610,000	1,328,222	292	1,614
84.	Knit goods, underwear,	13	1,750,000	1,759,305	271	2,333
85.	Hosiery,	31	1,997,318	1,626,945	256	4,757
86.	Silk, broad goods, thrown-silk, yarns, etc.,	5	1,374,700	2,273,478	274	2,229
87.	Silk, broad goods and ribbons,	2	1,650,000	700,000	301	1,300
88.	Silk—Ribbons,	4	311,882	309,883	298	431
Total,		771	\$196,940,994	\$91,252,619	270	129,240

YEAR 1896.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$1,069,167	\$4,460,249	\$1,415 50	\$339 31	\$1 21	54.6	24.0	2,876,745 pairs.	61
30,936	319,100	2,900 91	281 24	95	63.0	9.7	142,000 dozen.	62
121,160	525,607	1,285 10	296 23	1 22	54.1	23.1	65,867 dozen.	63
385,170	1,447,818	1,503 45	399 97	1 30	30.6	26.6	47,026 dozen.	64
125,792	521,966	1,321 43	318 46	1 16	51.8	24.1	171,988 dozen.	65
136,441	1,109,989	1,884 53	231 65	75	59.1	12.3	825,571 pieces.	66
299,043	1,218,500	1,103 71	270 87	94	44.0	24.5	.....	67
527,371	2,105,007	1,166 85	292 33	1 02	46.8	25.1	196,648 dozen.	68
72,910	381,745	2,009 18	383 74	1 25	57.0	19.1	.....	69
1,403,449	5,364,181	1,217 47	318 53	1 19	53.3	26.2	.....	70
784,416	3,632,760	1,605 29	346 63	1 31	58.7	21.6	10,752,952 yards.	71
794,137	2,680,912	955 08	282 91	1 08	53.8	29.6	.....	72
411,969	1,932,777	1,450 28	309 29	1 15	52.2	21.3	.....	73
775,689	3,764,013	1,371 19	282 58	1 15	53.3	20 5	.....	74
411,043	2,012,851	1,319 04	269 36	1 09	60.2	20.4	9,334,353 pounds.	75
1,011,165	4,087,237	1,304 16	322 64	1 25	47.8	24.7	.....	76
189,053	1,213,783	2,155 92	335 80	1 27	69.1	15.6	10,789,500 pounds.	77
188,970	1,137,430	1,636 59	271 90	1 03	66.9	16.6	7,753,685 pounds.	78
871,113	2,017,791	1,586 31	291 75	1 23	60.1	18.4	4,809,333 pounds.	79
257,057	1,282,412	1,788 58	358 52	1 18	48.4	20.0	.....	80
193,765	909,289	1,191 73	253 95	93	20.9	21.3	.....	81
138,438	502,678	824 06	226 95	81	59.2	27.5	.....	82
587,655	2,412,495	1,494 73	364 10	1 25	55.1	24.4	.....	83
611,923	2,978,552	1,276 70	262 29	97	59.1	20.5	.....	84
1,130,215	3,744,935	787 25	237 59	93	43.4	30.2	4,463,537 dozens.	85
543,285	3,288,568	1,475 35	242 73	89	69 1	16 5	.....	86
325,323	1,450,181	1,115 52	250 25	82	48.3	22.4	2,126,571 yards.	87
125,802	705,120	1,636 01	291 88	98	43.9	17.8	10,319,945 yards.	88
\$49,430,808	\$185,249,628	\$1,433 38	\$382 47	1.42	49.3	26.7	.....

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,316,197	\$402,115	310	1,068
2.	Steel billets, slabs, blooms, etc.,	4	13,218,900	7,363,930	291	1,278
3.	Tool steel, etc.,	3	608,000	74,610	242	159
4.	Iron and steel forgings,	7	430,000	122,710	281	244
5.	Iron specialties,	2	45,000	77,228	301	45
6.	Malleable iron,	4	493,925	455,890	292	1,404
7.	Bolts, nuts, etc.,	7	1,776,264	452,699	257	732
8.	Wire nails, rivets, etc.,	4	1,015,000	834,350	250	644
9.	Tacks and small nails,	4	163,500	40,862	209	114
10.	Wire,	5	482,100	108,939	265	105
11.	Wire rope,	2	700,000	230,111	303	166
12.	Wire goods,	5	154,450	58,553	300	215
13.	Wagon and carriage axles and springs,	5	570,475	151,576	277	325
14.	Scales, etc.,	4	171,000	83,826	285	122
15.	Stoves, ranges, heaters, etc.,	29	5,371,359	828,386	229	3,458
16.	Bath boilers, tanks, etc.,	2	54,000	31,163	305	23
17.	Hardware specialties,	13	3,140,106	559,380	273	2,675
18.	Edge tools,	12	1,613,064	223,034	227	827
19.	Wrenches, picks, etc.,	5	571,000	152,785	266	293
20.	Locomotives and cars built and repaired,	3	1,454,400	3,276,309	282	5,742
21.	Wrought iron pipe and tubes,	5	13,505,000	7,101,673	298	5,110
22.	Cast iron pipe,	3	613,059	767,967	302	615
23.	Brass, copper and bronze goods,	18	1,808,192	1,108,237	294	1,155
24.	Iron and steel bridges,	7	961,050	1,731,721	298	1,177
25.	Locomotives, stationery engines, etc.,	9	11,642,157	3,933,971	306	5,651
26.	Engines, boilers, etc.,	10	3,924,988	1,325,287	294	1,690
27.	Cars, springs, axles and railway supplies,	10	5,530,116	1,652,019	278	2,131
28.	Iron vessels and engines,	3	7,274,993	2,020,859	305	3,447
29.	Boilers, tanks, stacks, etc.,...	21	1,624,265	863,908	285	1,128

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$478,303	\$1,201,020	\$1,302 45	\$447 85	\$1 44	28.9	34.4	18,313 tons.	1
630,474	10,511,198	8,224 72	493 33	1 70	70.0	6.0	674,744 tons.	2
74,319	270,029	1,698 30	467 42	1 93	27.6	27.5	694 tons.	3
120,823	315,364	1,292 28	495 18	1 76	38.9	38.3	3,553 tons.	4
22,700	119,167	2,648 16	504 44	1 68	64.8	19.1	2,510 tons.	5
647,054	1,627,267	1,159 02	460 86	1 58	28.0	39.8	27,466 tons.	6
245,696	970,899	1,326 36	335 65	1 31	46.6	25.3	.....	7
247,270	1,494,842	2,321 18	383 96	1 54	59.2	16.5	43,831 tons.	8
31,752	107,112	939 58	278 53	1 33	38.1	29.6	1,474 tons.	9
39,962	222,399	2,118 09	380 59	1 44	49.0	18.0	3,531	10
74,810	596,192	3,591 52	450 67	1 49	38.6	12.5	3,420 tons.	11
66,854	259,311	1,206 10	310 95	1 03	22.6	25.8	.....	12
170,656	516,633	1,589 64	525 10	1 90	29.1	33.0	.....	13
69,185	249,765	2,047 25	567 09	1 99	33.6	27.7	.....	14
1,605,004	4,076,663	1,178 91	464 11	2 03	20.3	39.4	.....	15
12,498	63,699	2,274 97	446 36	1 46	48.9	19.6	.....	16
1,040,878	2,663,530	1,034 38	404 22	1 48	24.8	39.1	.....	17
304,983	781,832	945 38	368 79	1 62	28.5	29.0	.....	18
123,034	462,043	1,576 94	419 91	1 58	33.0	26.6	.....	19
3,019,356	6,534,498	1,133 02	524 84	1 86	50.2	46.2	.....	20
2,045,620	11,341,565	2,219 49	400 32	1 34	62.6	18.0	297,601 tons.	21
250,934	1,184,240	1,925 59	408 08	1 35	64.8	21.2	72,030 tons.	22
466,965	1,971,452	1,706 88	404 30	1 38	55.7	23.7	54,013 tons.	23
564,817	3,115,371	2,646 87	479 88	1 66	55.6	18.1	.....	24
3,032,827	8,531,117	1,509 67	536 69	1 75	46.1	35.6	.....	25
840,896	2,658,616	1,573 15	497 57	1 69	49.9	31.6	.....	26
826,146	3,699,377	1,735 98	592 37	1 41	44.9	22.6	.....	27
1,881,993	4,588,448	1,331 14	545 98	1 79	44.0	41.0	.....	28
535,026	1,904,346	1,688 25	474 32	1 66	45.4	28 1	.....	29

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Machinery,	20	\$8,921,924	\$1,698,519	309	3,852
31.	Foundries and machine shops,	25	3,062,486	1,049,859	295	2,101
32.	Files, etc.,	2	510,000	92,201	266	346
33.	Saws,	3	335,000	26,812	210	50
34.	Plumbers' supplies,	3	2,043,751	*	269	921
35.	Electrical supplies,	4	12,848,743	1,365,199	297	2,173
36.	Shovels, spades, scoops, etc.,	8	651,100	276,019	219	511
37.	Safes and vault doors,	2	68,000	63,173	301	125
38.	Metal and metallic goods, ...	3	280,400	50,060	258	207
39.	Building and structural iron work,	2	823,000	686,399	302	662
40.	Iron chains,	5	258,542	126,244	272	231
41.	Iron fences and railings,	7	42,500	58,623	298	100
42.	Agricultural implements,	11	1,835,000	1,013,708	293	1,296
43.	Steam pumps,	2	376,974	127,524	307	140
44.	Bicycles,	3	253,000	461,607	280	255
45.	Pianos and organs,	2	51,000	37,083	292	77
46.	Tinware,	5	374,000	216,243	301	275
47.	Paper manufactories,	8	4,425,013	1,451,820	277	1,474
48.	Wall paper,	3	345,000	389,158	281	341
49.	Cigars,	46	3,025,250	3,274,003	291	7,301
50.	Book binding,	3	126,500	62,018	280	137
51.	Cordage, rope, twine, etc., ..	5	3,260,000	3,484,048	317	2,119
52.	Paper, paper boxes, envelopes, etc.,	26	1,475,020	946,382	301	1,881
53.	Pottery,	2	560,000	56,290	287	145
54.	Paving brick,	7	521,500	25,156	247	429
55.	Building brick,	33	3,545,347	164,881	231	1,737
56.	Fire brick,	17	2,421,783	382,434	281	1,928
57.	Slate roofing, etc., tonnage,..	6	1,041,800	36,721	226	830
58.	Slate roofing, etc., squares,..	14	513,914	66,448	239	1,354
59.	Window glass, bottles, and table goods,	21	13,447,382	1,619,597	265	7,071
60.	Glazed and chrome kid, ...	7	4,068,915	7,036,904	301	3,255
61.	Men's, women's, misses and children's shoes,	14	2,164,301	2,686,589	294	3,279

*Incomplete returns of value of basic materials.

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$1,976,570	\$5,451,809	\$1,414 95	\$511 44	\$1 66	31.2	36.1	.....	30
995,718	2,965,528	1,411 48	473 93	1 61	35.4	33.6	.....	31
110,805	329,533	952 40	320 24	1 20	28.0	33.6	.....	32
21,557	71,437	1,428 75	431 14	2 05	37.5	30.2	.....	33
377,194	962,000	1,044 52	409 55	1 52	....	39.2	.....	34
1,184,647	3,463,804	1,594 02	545 17	1 84	39.4	34.2	.....	35
202,067	503,048	1,571 52	395 43	1 81	34.4	25.2	.....	36
59,906	157,476	1,259 81	479 25	1 59	40.1	38.0	.....	37
65,704	184,101	889 37	317 41	1 23	27.2	35.7	.....	38
344,442	1,249,288	1,887 14	520 31	1 72	55.0	27.6	.....	39
96,671	336,049	1,456 06	418 49	1 54	37.6	23.8	4,898 tons.	40
48,923	145,641	1,456 41	489 23	1 64	40.3	33.6	.....	41
580,757	2,400,324	1,852 10	448 11	1 53	42.2	24.2	.....	42
103,105	249,488	1,782 06	736 46	2 40	51.1	41.3	.....	43
155,444	645,714	2,532 31	609 59	2 05	71.5	24.1	.....	44
33,542	95,599	1,241 54	435 61	1 49	38.8	35.1	.....	45
106,907	467,000	1,693 18	388 75	1 29	46.3	22.9	.....	46
588,144	3,310,376	2,245 85	399 01	1 44	43.9	17.8	59,852 tons.	47
109,043	513,000	2,384 16	319 77	1 14	47.9	13.4	16,748,793 rolls.	48
2,044,125	8,100,451	1,109 50	279 98	96	40.4	25.2	364,270,636 cigars.	49
66,373	162,373	1,185 20	484 51	1 73	38.2	40.9	.....	50
683,523	4,713,313	2,224 31	322 57	1 02	73.9	14.5	.....	51
504,332	2,017,254	1,072 44	268 12	89	46.9	25.0	.....	52
68,011	192,167	1,325 29	469 04	1 63	29.3	35.4	.....	53
144,002	348,220	811 70	325 67	1 36	7.2	41.4	33,642,186 brick.	54
622,004	1,464,720	843 25	358 09	1 55	11.3	42.5	203,719,164 brick.	55
719,308	1,570,074	814 35	373 08	1 33	24.4	45.8	320,914 tons.	56
270,398	515,919	621 59	325 78	1 44	7.1	52.4	43,595 tons.	57
434,572	726,445	536 52	320 95	1 34	9.1	59.8	223,844 squares.	58
2,980,913	6,671,780	943 54	421 57	1 59	24.3	44.7	.....	59
1,285,138	10,649,292	3,271 67	394 82	1 31	66.8	12.7	1,139,807 dozens.	60
1,157,650	4,723,822	1,140 63	353 05	1 20	56.1	24.5	3,230,838 pairs.	61

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Suspenders,	2	\$92,000	\$233,500	403	120
63.	Hats and caps,	3	307,789	418,877	289	489
64.	Fur and felt hats,	4	2,782,743	476,658	308	1,048
65.	Wool hats,	7	424,035	343,808	260	447
66.	Umbrellas and parasols,	4	404,000	708,157	307	575
67.	Dress trimmings, braids, etc.,	8	1,176,796	635,631	235	1,393
68.	Shirts and shirt walsts,	9	907,500	974,269	298	1,819
69.	Neckwear,	3	135,000	20,833	306	174
70.	Cotton and woolen cloth,	23	3,418,946	3,716,507	286	4,669
71.	Carpets,	17	3,240,181	2,765,114	292	2,704
72.	Cotton goods,	16	2,825,764	1,498,814	279	2,866
73.	Woolen and worsted cassi- meres,	10	1,303,549	1,410,509	276	1,531
74.	Woolen and worsted fabrics,	15	3,111,227	2,894,188	289	3,258
75.	Woolen and worsted yarn, ..	12	1,719,270	2,111,958	290	1,532
76.	Rugs, yarns, etc.,	5	4,943,779	1,909,431	270	3,009
77.	Carpet yarns,	11	967,575	1,278,068	298	625
78.	Cotton yarns,	7	1,239,175	754,701	275	719
79.	Worsted, woolen and cotton yarns,	9	1,705,274	1,784,607	275	1,473
80.	Woolen blankets, flannels, etc.,	5	687,000	638,333	301	719
81.	Lace goods,	3	741,300	252,059	296	855
82.	Chenille goods,	3	470,000	329,695	300	668
83.	Upholsterv goods,	8	1,635,000	1,401,496	299	1,784
84.	Knit goods, underwear,	13	1,798,000	1,925,739	289	2,570
85.	Hosiery,	31	2,154,951	2,117,807	290	5,606
86.	Silk, broad goods, thrown- silk, yarns, etc.,	5	1,424,700	3,264,490	301	3,368
87.	Silk, broad goods and rib- bons,	2	1,650,000	1,000,000	301	2,050
88.	Silk—Ribbons,	4	394,180	459,658	299	535
Total,		771	\$199,589,439	\$100,781,337	286	134,918

YEAR 1897.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$33,936	\$349,100	\$2,909 17	\$282 80	\$0 70	66.9	9.7	152,000 dozens.	62
179,336	782,060	1,599 30	366 74	1 27	52.9	22.9	108,934 dozens.	63
514,651	1,558,607	1,487 22	491 08	1 59	30.6	33.0	51,025 dozens.	64
143,074	649,061	1,452 04	320 08	1 23	53.0	22.0	195,956 dozens.	65
170,504	1,185,705	2,062 10	296 58	97	59.7	14.4	859,643 pieces.	66
380,240	1,471,696	1,056 49	272 97	93	46.6	25.8	.....	67
494,680	1,953,771	1,074 09	271 95	91	49.9	25.3	190,793 dozens.	68
62,988	353,886	2,023 83	362 00	1 18	56.8	17.8	.....	69
1,618,929	6,302,337	1,349 83	346 74	1 21	59 0	25.7	.....	70
986,918	4,544,385	1,680 61	364 98	1 25	60.8	21.7	13,612,975 yards.	71
896,055	2,998,724	1,046 31	312 65	1 12	50.0	29.9	.....	72
514,127	2,561,227	1,672 91	335 81	1 22	55.1	20.1	.....	73
1,030,588	5,160,807	1,584 04	316 33	1 09	56.1	20.0	.....	74
491,309	3,111,819	2,031 21	320 70	1 11	67.9	15.8	13,427,749 pounds.	75
983,588	4,031,915	1,313 75	320 50	1 19	47.4	24.4	.....	76
233,191	1,749,051	2,798 48	373 10	1 25	73.2	13.3	13,882,000 pounds.	77
201,809	1,147,331	1,595 73	280 68	1 02	65.8	17.6	8,278,160 pounds.	78
449,711	2,851,012	1,935 51	303 30	1 11	62.6	15.8	5,852,935 pounds.	79
264,403	1,221,499	1,698 89	367 74	1 22	52.3	21.6	.....	80
223,436	1,086,945	1,271 28	261 33	88	23.2	20.6	.....	81
169,224	573,450	858 46	253 33	84	57.5	29.5	.....	82
688,105	2,632,361	1,475 54	387 71	1 29	53.2	26.1	.....	83
674,072	3,338,148	1,298 89	262 28	91	57.7	20.2	.....	84
1,377,150	4,518,589	806 03	245 66	85	46.9	30.5	5,366,913 dozens.	85
764,088	4,705,925	1,397 28	228 87	75	69.4	16.2	.....	86
477,694	2,371,966	1,157 06	233 02	77	42.1	20.1	3,304,064 yards.	87
187,491	895,892	1,674 56	350 45	1 17	51.4	20.9	9,934,072 yards.	88
\$51,827,646	\$202,292,309	\$1,499 37	\$384 14	\$4 34	49.8	25.6	.....

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,354,846	\$517,448	310	1,362
2.	Steel billets, slabs, blooms, etc.,	4	12,718,900	8,285,732	286	1,475
3.	Tool steel, etc.,	3	690,000	89,554	311	214
4.	Iron and steel forgings,	7	482,850	157,035	293	318
5.	Iron specialties,	2	45,000	45,879	301	35
6.	Malleable iron,	4	532,600	698,054	298	1,640
7.	Boilts, nuts, etc.,	7	1,787,994	564,979	270	772
8.	Wire nails, rivets, etc.,	4	1,012,950	575,701	189	644
9.	Tacks and small nails,	4	123,500	35,049	248	65
10.	Wire,	5	495,600	127,555	319	122
11.	Wire rope,	2	700,000	248,135	303	190
12.	Wire goods,	5	155,050	62,195	301	228
13.	Wagon and carriage axles and springs,	5	580,475	132,853	292	379
14.	Scales, etc.,	4	176,000	88,225	298	134
15.	Stoves, ranges, heaters, etc.,	29	5,443,761	854,929	238	3,547
16.	Bath boilers, tanks, etc.,	2	54,000	30,676	302	32
17.	Hardware specialties,	13	3,245,412	695,083	258	2,817
18.	Edge tools,	12	1,646,820	293,289	291	878
19.	Wrenches, picks, etc.,	5	571,000	143,063	283	272
20.	Locomotives and cars built and repaired,	3	1,442,800	4,191,152	296	5,965
21.	Wrought iron pipe and tubes,	5	13,505,000	8,285,486	303	5,693
22.	Cast iron pipe,	3	641,710	810,511	296	689
23.	Brass, copper and bronze goods,	18	1,818,450	1,308,588	297	1,293
24.	Iron and steel bridges,	7	961,050	2,126,144	302	1,423
25.	Locomotives, stationary engines, etc.,	9	12,118,787	5,386,109	305	7,967
26.	Engines, boilers, etc.,	10	3,930,783	1,514,153	304	1,904
27.	Car springs, axles and railway supplies,	10	5,562,258	2,375,887	294	2,861
28.	Iron vessels and engines,	3	7,262,278	2,997,076	304	5,384
29.	Boilers, tanks, stacks, etc.,...	21	1,656,210	1,172,463	291	1,356

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$619,179	\$2,098,923	\$1,539 94	\$454 28	\$1 46	24.6	29.5	27,786 tons.	1
873,163	10,257,159	6,954 01	591 97	2 07	80.8	8.5	722,475 tons.	2
153,303	445,065	2,079 74	716 37	2 50	20.1	34.4	1,086 tons.	3
175,796	463,025	1,456 05	552 82	1 89	33.9	28.0	6,866 tons.	4
13,700	78,107	2,231 63	534 29	1 77	58.7	23.9	1,061 tons.	5
776,815	2,288,315	1,395 31	473 67	1 69	30.5	33.9	38,228 tons.	6
278,649	1,122,341	1,453 81	360 95	1 34	50.3	24.8	.....	7
185,422	1,083,291	1,661 58	279 25	1 48	53.1	17.1	33,170 tons.	8
24,483	94,162	1,384 73	360 04	1 45	37.2	26.0	1,243 tons.	9
59,750	267,257	2,190 63	489 75	1 54	47.7	22.4	3,731 tons.	10
88,858	655,466	3,449 82	467 67	1 54	37.9	13.6	3,749 tons.	11
63,323	323,568	1,419 16	277 73	92	19.2	19.6	.....	12
202,039	611,244	1,612 78	533 90	1 83	21.7	33.1	.....	13
75,860	263,364	1,965 40	566 12	1 93	33.5	28.8	.....	14
1,713,978	4,134,160	1,165 54	483 22	2 03	20.7	41.4	.....	15
13,611	62,102	1,940 69	425 34	1 41	49.4	21.9	.....	16
1,116,929	2,805,666	996 00	396 50	1 54	24.8	39.8	.....	17
401,694	1,069,190	1,217 76	457 51	1 57	27.4	37.6	.....	18
139,125	494,058	1,816 39	511 49	1 88	29.0	28.1	.....	19
3,411,544	8,009,296	1,341 22	571 93	1 93	52.4	42.6	.....	20
2,451,501	11,552,862	2,556 27	430 62	1 42	56.9	16.9	358,304 tons.	21
263,550	1,260,038	1,828 79	382 51	1 29	64.3	20.1	79,212 tons.	22
560,336	2,381 695	1,873 48	431 36	1 45	54.9	23.5	.....	23
647,664	3,717,213	2,012 24	455 14	1 51	57.2	17.4	73,781 tons.	24
4,559,167	12,862,598	1,614 48	572 26	1 88	41.9	35.5	.....	25
996,882	3,088,737	1,622 24	523 57	1 72	49.0	32.3	.....	26
1,366,153	7,261,962	2,503 14	470 92	1 62	32.7	15.7	.....	27
2,880,847	6,625,431	1,232 34	535 08	1 76	45.2	43.4	.....	28
639,883	2,455,255	1,771 47	461 68	1 59	47.8	26.1	.....	29

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Machinery,	20	\$9,297,253	\$2,030,334	300	4,434
31.	Foundries and machine shops,	25	3,161,069	1,263,302	296	2,447
32.	Files, etc.,	2	512,000	82,739	278	369
33.	Saws,	3	335,000	23,087	244	47
34.	Plumbers' supplies,	3	2,031,622	*	290	965
35.	Electrical supplies,	4	13,893,503	2,340,407	301	3,499
36.	Shovels, spades, scoops, etc.,	8	648,100	296,298	246	523
37.	Safes and vault doors,	2	68,000	65,884	298	121
38.	Metal and metallic goods, ..	3	390,000	58,176	255	225
39.	Building and structural iron work,	2	823,000	1,241,336	307	841
40.	Iron chains,	5	264,542	165,742	298	269
41.	Iron fences and railings,	7	46,000	81,971	305	126
42.	Agricultural implements,	11	1,883,000	1,157,677	300	1,473
43.	Steam pumps,	2	380,871	123,813	304	151
44.	Bicycles,	3	255,000	455,452	277	352
45.	Pianos and organs,	2	117,000	57,843	294	95
46.	Tinware,	5	374,000	217,433	300	275
47.	Paper manufactories,	8	4,771,595	1,486,541	293	1,453
48.	Wall paper,	3	360,560	479,750	282	362
49.	Cigars,	46	3,044,190	3,654,579	293	7,800
50.	Book binding,	3	130,000	65,522	283	156
51.	Cordage, rope, twine, etc., ..	5	3,260,000	3,524,381	312	2,091
52.	Paper, paper boxes, envelopes, etc.,	26	1,456,372	1,020,438	302	2,435
53.	Pottery,	2	560,000	56,589	231	153
54.	Paving brick,	7	549,644	23,113	246	447
55.	Building brick,	33	3,590,386	171,431	225	1,795
56.	Fire brick,	17	2,556,283	418,484	243	2,377
57.	Slate roofing, etc., tonnage, ..	6	1,022,007	32,421	245	762
58.	Slate roofing, etc., squares, ..	14	704,913	69,499	177	1,875
59.	Window glass, bottles, and table goods,	21	13,582,482	1,580,880	276	7,655
60.	Glazed and chrome kid, ...	7	4,163,993	8,092,540	298	3,745
61.	Men's, women's, misses and children's shoes,	14	2,260,081	2,888,607	292	3,488

*Incomplete returns of value of basic material.

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$2,402,335	\$6,500,975	\$1,466 16	\$541 79	\$1 81	31.2	37.0	.....	30
1,184,833	3,571,600	1,459 58	483 99	1 63	85.4	33.2	.....	31
117,553	400,465	1,055 27	318 57	1 15	20.7	29.4	.....	32
22,939	76,338	1,624 21	488 06	2 00	36.8	30.0	.....	33
432,969	1,097,053	1,136 85	448 67	1 55	....	39.5	.....	34
1,929,920	6,821,374	1,949 52	551 56	1 83	34.3	28.3	.....	35
236,593	997,314	1,888 85	448 09	1 82	29.7	23.7	.....	36
61,012	153,085	1,265 17	504 23	1 69	43.1	39.9	.....	37
74,084	207 496	922 20	329 26	1 29	28.0	35.7	.....	38
441,539	2,057,639	2,446 66	525 02	1 71	60.3	21.4	.....	39
120,291	409,304	1,521 58	447 18	1 50	40.5	29.4	6,307 tons.	40
57,197	187,059	1,484 60	453 94	1 49	43.8	30.6	.....	41
686,049	2,805,496	1,904 61	465 75	1 55	41.3	24.4	.....	42
112,032	313,511	2,076 23	741 93	2 44	39.5	35.7	.....	43
154,962	683,862	1,942 79	440 23	1 63	66.6	22.7	.....	44
45,882	136,971	1,441 80	482 97	1 64	42.2	33.5	.....	45
103,119	469,200	1,687 77	370 93	1 24	46.3	22.0	.....	46
591,810	3,315,552	2,235 71	399 06	1 41	44.8	17.8	55,014 tons.	47
124,400	939,901	2,596 41	343 65	1 22	51.0	13.2	20,288,362 rolls.	48
2,235,665	8,866,424	1,136 72	286 62	98	41.2	25.2	362,674,423 cigars.	49
75,293	180,567	1,157 48	482 65	1 70	36.3	41.7	.....	50
674,993	4,947,813	2,366 24	322 81	1 03	71.2	13.6	.....	51
560,100	2,247,556	923 02	230 02	76	45.4	24.9	.....	52
73,799	226,226	1,479 25	482 34	1 66	25.0	32.6	.....	53
148,144	367,295	821 91	331 42	1 35	6.3	40.3	40,451,959 bricks.	54
627,391	1,437,767	800 98	349 52	1 51	11.9	43.6	229,260,821 bricks.	55
843,336	1,915,392	823 12	362 41	1 49	21.8	44.0	408,796 tons.	56
250,225	537,702	705 64	328 38	1 34	6.0	46.5	37,109 tons.	57
472,437	756,977	403 72	251 97	1 42	9.2	62.4	273,928 squares.	58
3,390,044	7,676,802	1,002 85	442 85	1 60	20.6	44.2	.....	59
1,472,762	12,691,322	3,338 87	393 26	1 32	63.8	11.6	1,332,785 dozens.	60
255,353	5,157,413	1,478 62	359 91	1 23	56.1	24.3	3,235,548 pairs.	61

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Suspenders,	2	\$95,000	\$245,000	297	127
63.	Hats and caps,	3	296,776	377,205	286	560
64.	Fur and felt hats,	4	2,775,406	494,817	307	1,257
65.	Wool hats,	7	458,635	314,029	279	480
66.	Umbrellas and parasols,	4	327,000	754,090	308	505
67.	Dress trimmings, braids, etc.,	8	1,229,296	876,508	298	1,543
68.	Shirts and shirt waists,	9	933,200	1,143,081	298	1,993
69.	Neckwear,	3	135,000	214,342	308	183
70.	Cotton and woolen cloth,	23	3,427,346	3,717,019	267	4,647
71.	Carpets,	17	3,339,213	2,850,838	292	2,753
72.	Cotton goods,	16	2,893,271	1,478,396	290	3,007
73.	Woolen and worsted cassimeres,	10	1,265,000	1,554,426	263	1,664
74.	Woolen and worsted fabrics,	15	3,260,892	3,000,013	288	3,065
75.	Woolen and worsted yarn, ..	12	2,616,000	1,994,012	289	1,445
76.	Rugs, yarns, etc.,	5	5,056,824	1,741,967	277	2,923
77.	Carpet yarns,	11	968,000	946,871	266	577
78.	Cotton yarns,	7	1,245,037	759,380	294	795
79.	Worsted, woolen and cotton yarns,	9	1,719,112	1,567,273	230	1,485
80.	Woolen blankets, flannels, etc.,	5	696,500	1,133,808	351	1,063
81.	Lace goods,	3	795,000	290,322	307	974
82.	Chenille goods,	8	470,000	356,595	300	599
83.	Upholstery goods,	8	1,635,000	1,542,563	361	1,898
84.	Knit goods, underwear,	13	1,833,600	2,058,746	280	2,768
85.	Hosiery,	31	2,347,041	2,312,556	286	5,917
86.	Silk, broad goods, thrown-silk, yarns, etc.,	5	1,777,500	3,680,921	293	3,622
87.	Silk, broad goods and ribbons,	2	1,660,000	1,200,000	302	2,200
88.	Silk—Ribbons,	4	445,313	514,851	299	634
Total,		771	\$204,509,452	\$114,164,071	286	150,990

YEAR 1898.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$41,000	\$391,500	\$3,082 68	\$322 83	\$1 09	62.6	10.5	165,000 dozens.	62
176,383	737,149	1,316 34	314 97	1 10	51.2	23.9	100,663 dozens.	63
595,085	1,731,063	1,377 16	473 42	1 54	28.6	34.4	55,925 dozens.	64
140,773	636,904	1,326.88	293 28	1 05	49.3	22.1	201,718 dozens.	65
135,627	1,156,372	2,289 85	268 57	87	65.2	11.7	889,252 pieces.	66
412,277	1,708,275	1,107 11	267 84	90	51.3	24.2	.....	67
539,135	2,186,983	1,097 33	270 51	91	52.3	24.7	337,213 dozens.	68
68,975	375,689	2,052 95	376 91	1 22	57.1	18.4	.....	69
1,637,482	6,421,073	1,379 61	352 37	1 32	57.9	25.5	.....	70
998,647	4,823,328	1,752 03	362 75	1 24	59.1	20.7	12,904,587 yards.	71
965,037	3,104,170	1,032 31	320 93	1 11	47.6	31.1	.....	72
557,154	2,760,158	1,658 75	334 83	1 28	56.4	20.2	.....	72
1,051,196	5,258,366	1,732 58	346 36	1 20	57.1	20.0	.....	74
453,110	3,819,926	2,643 55	313 57	1 09	52.2	11.8	9,307,876 pounds.	75
996,501	3,931,652	1,343 70	340 57	1 23	44.3	25.3	.....	76
192,218	1,302,256	2,412 92	333 13	1 25	68.0	13.8	11,499,606 pounds.	77
239,109	1,245,952	1,567 23	300 77	1 02	60.9	19.2	9,070,922 pounds.	78
422,540	2,462,405	1,658 18	284 54	1 24	63.6	17.2	5,030,001 pounds.	79
350,302	2,107,398	1,982 50	329 54	94	53.8	16.6	.....	80
269,910	1,219,698	1,252 26	277 11	90	23.8	22.1	.....	81
171,041	591,280	987 11	255 54	95	60.3	28.9	.....	82
773,396	2,882,474	1,519 22	407 48	1 35	53.5	26.8	.....	83
686,552	3,493,036	1,360 22	267 35	95	58.9	19.6	.....	84
1,483,567	4,880,155	824 77	250 73	88	47.4	30.4	7,181,631 dozens.	85
856,927	5,418,662	1,496 04	236 59	80	67.9	15.8	.....	86
516,061	2,898,933	1,317 70	234 57	78	41.4	17.8	3,712,633 yards.	87
213,252	1,067,823	1,684 26	336 36	1 12	48.2	20.0	13,346,776 yards.	88
\$60,681,022	\$237,590,026	\$1,573 55	\$401 89	\$1 40	48.0	25.5	.....

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,393,523	\$822,724	302	1,705
2.	Steel billets, slabs, blooms, etc.,	4	13,318,900	14,459,812	295	1,802
3.	Tool steel, etc.,	3	690,000	96,154	291	209
4.	Iron and steel forgings,	7	491,800	252,496	300	395
5.	Iron specialties,	2	45,000	48,083	301	31
6.	Malleable iron,	4	1,527,533	839,640	298	1,831
7.	Bolts, nuts, etc.,	7	1,811,116	1,219,189	298	1,032
8.	Wire nails, rivets, etc.,	4	1,045,000	738,589	142	725
9.	Tacks and small nails,	4	163,500	68,184	280	158
10.	Wire,	5	605,900	135,429	323	157
11.	Wire rope,	2	700,000	361,009	304	232
12.	Wire goods,	5	170,550	88,686	301	257
13.	Wagon and carriage axles and springs,	5	590,000	262,696	286	469
14.	Scales, etc.,	4	206,000	111,309	302	159
15.	Stoves, ranges, heaters, etc.,	29	5,379,895	1,068,385	255	3,612
16.	Bath boilers, tanks, etc.,	2	59,000	44,809	304	45
17.	Hardware specialties,	13	3,463,276	1,041,775	281	3,250
18.	Edge tools,	12	1,233,793	399,445	294	1,018
19.	Wrenches, picks, etc.,	5	571,000	228,910	293	341
20.	Locomotives and cars built and repaired,	3	1,461,400	5,634,355	304	6,655
21.	Wrought iron pipe and tubes,	5	14,101,131	15,485,996	269	8,754
22.	Cast iron pipe,	3	896,776	912,507	252	740
23.	Brass, copper and bronze goods,	18	1,840,750	2,127,888	303	1,477
24.	Iron and steel bridges,	7	1,001,050	3,193,878	280	1,680
25.	Locomotives, stationary engines, etc.,	9	12,956,218	8,606,253	307	9,827
26.	Engines, boilers, etc.,	10	4,036,999	2,331,697	301	2,163
27.	Cars, springs, axles and railway supplies,	10	27,275,264	9,904,875	310	6,094
28.	Iron vessels and engines,	3	7,866,622	5,117,337	296	6,168
29.	Boilers, tanks, stacks, etc.,...	21	1,857,238	1,848,563	304	1,627

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$838,679	\$2,857,935	\$1,676 21	\$471 86	\$1 63	28.7	29.3	34,845 tons.	1
1,239,839	18,832,437	10,450 85	688 03	2 33	76.8	6.6	842,183 tons.	2
140,945	479,480	2,294 16	674 38	2 32	20.1	29.4	1,295 tons.	3
249,106	784,254	1,985 45	630 65	2 10	32.2	31.8	9,813 tons.	4
18,350	80,420	2,594 20	591 94	1 97	59.8	22.8	913 tons.	5
928,417	2,807,229	1,533 17	507 05	1 70	29.9	33.1	44,852 tons.	6
422,635	2,106,142	2,040 83	409 53	1 37	57.9	20.1	.....	7
244,745	1,803,903	2,488 14	337 58	2 38	40.9	13.6	37,245 tons.	8
54,460	192,244	1,219 27	344 68	1 23	35.4	28.3	2,287 tons.	9
77,437	310,572	1,914 47	493 23	1 53	36.6	24.9	4,024 tons.	10
113,217	971,118	4,185 85	488 00	1 61	37.2	11.7	4,880 tons.	11
82,879	396,067	1,541 11	322 50	1 07	22.4	20.9	.....	12
248,758	860,254	1,853 42	536 40	1 85	30.2	28.6	.....	13
96,360	346,487	2,179 18	604 78	2 00	32.1	27.8	.....	14
1,944,588	4,945,547	1,369 20	528 37	2 11	21.6	39.3	.....	15
19,448	89,691	1,993 13	432 18	1 42	50.0	21.7	.....	16
1,412,579	3,804,301	1,170 55	434 64	1 55	27.4	37.1	.....	17
474,562	1,393,284	1,368 65	466 17	1 59	28.7	34.1	.....	18
179,408	685,497	2,010 26	526 12	1 80	33.4	26.2	.....	19
4,049,295	10,020,362	1,505 69	608 46	2 00	56.2	40.4	.....	20
4,566,297	26,160,998	2,988 46	521 62	1 94	59.2	17.5	452,513 tons.	21
260,355	1,350,801	1,825 41	351 83	1 40	67.6	19.3	61,344 tons.	22
645,983	3,520,187	2,383 33	437 36	1 44	60.4	18.4	.....	23
722,759	5,095,097	3,032 80	430 21	1 54	62.7	14.2	81,970 tons.	24
5,764,855	17,572,598	1,788 20	586 63	1 91	49.0	32.8	.....	25
1,185,494	4,574,136	2,114 72	548 08	1 82	51.0	25.9	.....	26
3,226,603	17,384,428	2,852 71	523 47	1 71	57.0	18.6	.....	27
3,428,153	9,165,761	1,481 22	554 00	1 87	55.8	37.4	.....	28
780,279	3,454,771	2,123 40	479 58	1 58	53.5	22.6	.....	29

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
20.	Machinery,	20	\$9,650,673	\$3,239,736	302	5,630
31.	Foundries and machine shops,	25	3,621,233	1,925,085	304	3,104
32.	Files, etc.,	2	512,000	105,104	302	394
33.	Saws,	3	335,000	31,600	250	47
34.	Plumbers' supplies,	3	2,080,669	552,190	312	1,046
35.	Electrical supplies,	4	14,018,383	3,573,084	302	5,184
36.	Shovels, spades, scoops, etc.,	8	648,100	465,999	281	563
37.	Safes and vault doors,	2	68,000	65,539	294	120
38.	Metal and metallic goods, ...	3	390,000	82,334	265	269
39.	Building and structural iron work,	2	823,000	1,227,578	305	1,240
40.	Iron chains,	5	264,542	252,412	296	299
41.	Iron fences and railings,	7	49,300	133,235	305	155
42.	Agricultural implements,	11	1,643,000	1,359,029	298	1,561
43.	Steam pumps,	2	433,343	176,738	301	225
44.	Bicycles,	3	255,000	308,541	275	297
45.	Planos and organs,	2	141,000	59,162	293	105
46.	Tinware,	5	414,000	272,376	301	275
47.	Paper manufactories,	8	5,082,399	1,739,547	284	1,681
48.	Wall paper,	3	360,000	517,300	280	361
49.	Cigars,	46	3,347,204	3,797,460	295	8,308
50.	Book binding,	3	131,800	77,379	280	176
51.	Cordage, rope, twine, etc.,	5	3,435,000	4,500,784	312	2,191
52.	Paper, paper boxes, envelopes, etc.,	26	1,487,951	1,102,962	303	2,260
53.	Pottery,	2	510,000	54,604	298	162
54.	Paving brick,	7	614,478	33,506	230	523
55.	Building brick,	33	3,714,184	177,834	225	1,804
56.	Fire brick,	17	2,746,876	552,972	249	2,947
57.	Slate roofing, etc., tonnage, ..	6	831,112	31,861	236	664
58.	Slate roofing, etc., squares, ..	14	534,914	80,325	245	1,552
59.	Window glass, bottles, and table goods,	21	13,652,097	1,983,606	283	8,607
60.	Glazed and chrome kld, ...	7	4,609,490	11,007,875	300	4,598
61.	Men's, women's, misses and children's shoes,	14	2,355,681	2,832,005	293	3,318

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$3,122,970	\$8,730,374	\$1,550 98	\$551 70	\$1 84	37.1	32.7	.....	30
1,570,135	5,201,255	1,675 67	505 84	1 66	37.0	30.2	.....	31
136,071	456,967	1,159 81	345 36	1 14	23.0	29.8	.....	32
24,100	83,624	1,779 23	512 77	2 00	37.8	28.8	.....	33
502,827	1,436,661	1,373 48	480 71	1 54	38.4	35.0	.....	34
2,856,814	11,462,408	2,211 11	551 08	1 82	31.2	24.9	.....	35
291,969	1,493,946	2,653 55	518 60	1 85	31.2	19.5	.....	36
59,965	156,773	1,306 44	499 71	1 70	41.8	38.2	.....	37
106,846	300,978	1,118 88	397 20	1 50	27.4	38.5	.....	38
657,942	2,157,573	1,759 98	530 60	1 74	56.9	30.5	.....	39
140,403	584,109	1,953 54	469 58	1 59	43.2	24.0	6,745 tons.	40
69,864	260,498	1,680 63	450 74	1 49	51.1	26.8	.....	41
746,410	3,132,514	2,006 74	478 16	1 60	43.4	23.8	.....	42
166,746	411,714	1,829 84	741 08	2 46	42.9	40.5	.....	43
127,384	523,870	1,763 87	428 90	1 61	58.9	24.3	.....	44
48,127	178,679	1,701 70	558 35	1 56	33.1	37.1	.....	45
118,410	545,475	1,983 55	430 58	1 43	49.9	21.7	.....	46
688,257	4,254,182	2,530 74	409 03	1 44	40.9	16.2	67,929 tons.	47
128,241	1,030,190	2,853 71	355 24	1 27	50.2	12.4	18,458,252 rolls.	48
2,424,293	9,676,533	1,164 72	291 80	99	39.2	25.1	369,987,894 cigars.	49
86,318	208,527	1,154 81	400 44	1 75	37.1	41.4	.....	50
792,522	6,219,058	2,838 46	361 71	1 16	72.5	12.7	.....	51
593,843	2,434,029	1,077 00	262 76	87	45.3	24.4	.....	52
78,658	244,234	1,507 74	485 54	1 63	22.4	32.2	.....	53
176,133	416,263	788 38	334 91	1 45	8.0	42.5	44,546,987 bricks.	54
670,363	1,627,722	902 28	371 60	1 65	10.9	41.2	230,416,447 bricks.	55
1,123,377	2,486,398	843 70	381 59	1 55	22.2	45.6	538,099 tons.	56
219,276	467,112	703 48	330 23	1 40	6.8	46.9	35,560 tons.	57
544,953	930,696	599 62	351 13	1 43	8.6	58.5	287,626 squares.	58
4,018,651	9,256,723	1,075 49	460 90	1 65	21.4	43.4	.....	59
1,907,913	16,242,644	3,554 29	414 94	1 38	67.4	11.7	1,688,109 dozens.	60
1,247,325	5,191,146	1,564 54	375 92	1 28	54.6	24.0	3,657,680 pairs.	61

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Suspenders,	2	\$120,000	\$315,000	299	162
63.	Hats and caps,	2	307,676	433,669	283	560
64.	Fur and felt hats,	4	2,775,439	593,645	309	1,412
65.	Wool hats,	7	414,493	333,533	266	537
66.	Umbrellas and parasols,	4	353,000	694,246	308	531
67.	Dress trimmings, braids, etc.,	8	1,319,688	912,697	301	1,760
68.	Shirts and shlrt waists,	9	979,900	1,342,360	298	2,294
69.	Neckwear,	3	135,000	261,882	308	195
70.	Cotton and woolen cloths, ..	23	3,475,167	4,683,367	272	5,017
71.	Carpets,	17	3,653,864	3,494,859	302	2,834
72.	Cotton goods,	16	3,309,205	1,708,151	296	3,294
73.	Woolen and worsted cassi- meres,	10	1,345,000	2,023,438	280	1,890
74.	Woolen and worsted fabrics,	15	3,444,180	3,506,232	298	3,359
75.	Woolen and worsted yarn, ..	12	2,686,000	2,636,300	291	1,478
76.	Rugs, yarns, etc.,	5	5,393,446	1,937,653	285	3,074
77.	Carpet yarns,	11	1,062,532	1,251,831	299	633
78.	Cotton yarns,	7	1,296,148	798,654	290	800
79.	Worsted, woolen and cotton yarns,	9	2,030,613	2,237,993	267	1,420
80.	Woolen blankets, flannels, etc.,	5	734,122	815,512	279	967
81.	Lace goods,	3	860,850	350,185	305	1,098
82.	Chenille goods,	3	465,000	365,058	300	601
83.	Upholstery goods,	8	1,642,000	1,652,814	288	2,009
84.	Knit goods, underwear,	13	1,987,729	2,215,033	279	2,864
85.	Hosiery,	31	2,894,145	2,306,461	281	6,146
86.	Silk, broad goods, thrown- silk, yarns, etc.,	5	1,902,500	4,619,634	277	3,439
87.	Silk, broad goods and rib- bons,	2	1,670,000	1,315,000	301	2,000
88.	Silk—Ribbons,	4	463,316	517,973	293	644
Total.		771	\$236,300,736	\$163,102,615	288	173,302

YEAR 1899.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$61,150	\$483,250	\$2,983 02	\$377 47	\$1 26	65.2	12.7	180,500 dozens.	62
191,909	698,891	1,248 02	342 69	1 21	62.0	27.5	96,229 dozens.	63
665,296	2,020,731	1,431 11	471 17	1 52	29.4	32.9	64,127 dozens.	64
163,164	746,186	1,389 55	303 84	1 14	44.7	21.9	201,718 dozens.	65
144,650	1,231,068	2,318 43	272 41	89	56.4	11.7	942,826 pieces.	66
479,688	2,085,395	1,184 88	272 55	91	43.8	23.0	.....	67
687,095	2,660,418	1,162 78	299 52	1 01	50.3	25.8	393,622 dozens.	68
73,883	437,720	2,244 72	378 89	1 23	59.8	16.9	.....	69
1,868,224	7,994,359	1,593 41	372 38	1 37	58.6	23.4	.....	70
1,177,796	5,940,777	2,096 25	415 59	1 37	58.8	19.8	15,648,813 yards.	71
1,103,648	3,533,249	1,072 61	335 05	1 13	48.3	31.2	.....	72
658,948	3,492,388	1,847 82	348 65	1 25	57.9	18.9	.....	73
1,201,789	6,012,494	1,792 64	357 84	1 20	58.2	20.0	.....	74
534,400	5,256,352	3,556 40	361 57	1 24	50.2	10.2	9,705,579 pounds.	75
1,172,575	4,504,288	1,465 29	381 45	1 34	43.0	26.0	.....	76
242,414	1,758,794	2,778 50	382 96	1 23	71.2	13.8	15,271,761 pounds.	77
244,291	1,333,597	1,666 97	305 36	1 05	50.9	18.3	9,278,304 pounds.	78
517,252	3,647,317	2,568 53	364 25	1 37	61.4	14 2	5,859,619 pounds.	79
322,275	1,633,499	1,689 24	333 27	1 19	49.9	19.7	.....	80
313,641	1,307,879	1,191 15	285 65	94	26.8	24.0	.....	81
203,598	664,622	1,005 86	338 77	1 13	54.9	30 6	.....	82
841,194	3,305,761	1,645 48	418 71	1 45	50.0	25.4	.....	83
790,868	3,851,935	1,344 95	276 14	99	57.5	20.5	.....	84
1,610,552	5,230,702	852 54	262 05	93	44.0	30.7	5,934,516 dozens.	85
913,571	6,786,912	1,973 51	265 65	96	68.1	13.5	.....	86
522,612	3,112,400	1,556 20	261 31	87	42.3	16.8	5,668,697 yards.	87
217,812	1,038,299	1,612 27	338 22	1 15	49.9	21.0	15,984,362 yards.	88
\$75,797,895	\$320,743,139	\$1,850 78	\$437 37	\$1 52	50.9	23.7	.....

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,394,265	\$618,748	307	1,741
2.	Steel billets, slabs, blooms, etc.,	4	13,791,119	13,200,979	246	1,682
3.	Tool steel, etc.,	3	1,050,000	78,514	292	132
4.	Iron and steel forgings,	7	496,100	241,555	292	384
5.	Iron specialties,	2	45,500	51,684	301	42
6.	Malleable iron,	4	1,524,280	975,533	291	1,671
7.	Bolts, nuts, etc.,	7	1,825,562	1,170,665	299	1,040
8.	Wire nails, rivets, etc.,	4	1,025,000	765,914	116	812
9.	Nails and small nails,	4	163,500	64,075	253	141
10.	Wire,	5	611,900	216,356	301	254
11.	Wire rope,	2	1,100,000	1,035,106	306	342
12.	Wire goods,	5	167,916	85,360	301	208
13.	Wagon and carriage axles and springs,	5	582,454	224,063	279	450
14.	Scales, etc.,	4	216,000	122,333	298	177
15.	Stoves, ranges, heaters, etc.,	29	7,211,316	1,380,451	246	3,678
16.	Bath boilers, tanks, etc.,	2	59,000	44,391	308	35
17.	Hardware specialties,	13	3,942,303	847,019	252	3,105
18.	Edge tools,	12	1,689,815	486,985	297	1,077
19.	Wrenches, picks, etc.,	5	575,000	256,264	280	386
20.	Locomotives and cars built and repaired,	3	1,461,400	6,459,641	303	7,185
21.	Wrought iron pipe and tubes,	5	14,101,131	12,906,404	266	5,420
22.	Cast iron pipe,	3	896,776	1,123,503	306	797
23.	Brass, copper and bronze goods,	18	1,974,667	1,582,801	299	1,548
24.	Iron and steel bridges,	7	1,901,050	5,544,996	301	2,233
25.	Locomotives, stationary engines, etc.,	9	13,417,380	11,568,788	307	12,003
26.	Engines, boilers, etc.,	10	4,114,000	2,480,161	306	2,373
27.	Cars, springs, axles and railway supplies,	10	27,661,682	17,812,587	311	8,857
28.	Iron vessels and engines,	3	10,973,657	6,705,326	292	6,677
29.	Boilers, tanks, stacks, etc.,...	21	2,022,964	2,148,536	305	1,933

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$821,510	\$3,172,100	\$1,822 00	\$497 01	\$1 54	19.5	25.9	33,231 tons.	1
1,087,913	14,649,357	8,709 49	646 80	2 63	90.1	7.4	675,994 tons.	2
98,601	436,340	3,305 61	746 98	2 56	18.0	22.6	1,667 tons.	3
263,271	745,873	1,942 38	685 60	2 35	59.2	35.3	9,159 tons.	4
20,350	\$2,724	2,136 39	484 52	1 61	57.6	23.7	1,017 tons.	5
866,482	2,485,414	1,487 38	518 54	1 78	39.3	34.9	38,963 tons.	6
429,188	2,310,580	2,221 71	412 68	1 38	50.7	18.6	.....	7
165,895	1,347,191	1,659 10	294 30	1 76	56.8	12.3	22,514 tons.	8
44,982	171,291	1,214 83	319 02	1 26	37.4	26.3	1,975 tons.	9
104,066	452,592	1,781 85	409 71	1 36	47.8	23.0	3,944 tons.	10
164,517	1,471,284	4,302 00	481 04	1 57	70.4	11.2	6,443 tons.	11
64,228	342,677	1,647 49	309 27	1 03	24.9	18.8	.....	12
230,575	707,170	1,571 49	512 39	1 84	31.7	32.6	.....	13
105,851	375,036	2,118 85	598 08	2 01	32.6	28.2	.....	14
2,086,244	5,267,816	1,432 25	569 94	2 32	26.2	39.6	.....	15
16,804	82,639	2,174 71	442 21	1 44	53.7	20.3	.....	16
1,222,769	3,234,120	1,073 79	392 81	1 56	25.4	36.7	.....	17
507,597	1,618,418	1,502 71	471 30	1 59	30.1	31.4	.....	18
184,711	690,584	1,789 08	478 53	1 71	37.1	26.7	.....	19
4,366,592	11,203,744	1,559 32	607 74	2 01	57.7	39.0	.....	20
2,575,403	21,342,893	3,937 82	475 17	1 79	60.5	12.1	295,574 tons.	21
402,535	1,745,213	2,189 73	448 75	1 47	64.4	20.5	74,456 tons.	22
725,712	3,449,758	2,228 53	468 81	1 54	45.9	21.0	.....	23
1,225,666	8,649,413	3,873 45	553 36	1 84	64.1	14.3	134,231 tons.	24
7,274,385	24,600,085	2,049 49	606 05	1 97	47.0	29.6	.....	25
1,309,636	5,088,689	2,144 41	551 89	1 80	48.7	25.7	.....	26
4,715,100	28,608,966	3,230 10	532 36	1 71	62.3	16.5	.....	27
3,533,223	12,062,974	1,806 65	529 91	1 81	55.6	29 3	.....	28
\$95,262	4,085,048	2,113 32	462 16	1 52	52 5	21 9	.. ..	29

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
30.	Machinery,	20	\$10,418,419.	\$3,607,094	302	6,100
31.	Foundries and machine shops,	25	3,939,754	2,036,612	300	3,204
32.	Files, etc.,	2	512,000	113,639	291	422
33.	Saws,	3	334,000	48,071	281	56
34.	Plumbers' supplies,	3	2,266,387	425,043	312	1,048
35.	Electrical supplies,	4	15,032,833	5,375,117	296	6,210
36.	Shovels, spades, scoops, etc.,	8	741,100	406,234	253	532
37.	Safes and vault doors,	2	173,397	121,397	290	180
38.	Metal and metallic goods, ...	3	390,000	93,877	275	297
39.	Building and structural iron work,	2	823,000	3,053,789	306	1,678
40.	Iron chains,	5	334,798	239,225	252	264
41.	Iron fences and railings,	7	56,500	157,497	305	197
42.	Agricultural implements,	11	1,975,000	1,463,445	299	1,554
43.	Steam pumps,	2	479,015	200,479	301	268
44.	Bicycles,	3	255,000	244,612	236	256
45.	Pianos and organs,	2	246,000	79,526	292	146
46.	Tinware,	5	434,000	290,940	300	328
47.	Paper manufactories,	8	5,666,232	1,748,551	297	1,740
48.	Wall paper,	3	750,000	495,111	290	309
49.	Cigars,	46	3,669,420	4,033,899	296	8,663
50.	Book binding,	3	136,250	83,716	288	188
51.	Cordage, rope, twine, etc.,	5	3,410,000	5,340,848	300	2,256
52.	Paper, paper boxes, envelopes, etc.,	26	1,527,160	1,206,737	300	2,200
53.	Pottery,	2	505,000	64,561	288	172
54.	Paving brick,	7	642,074	72,534	270	587
55.	Building brick,	33	3,715,898	161,296	221	1,800
56.	Fire brick,	17	2,935,232	790,260	300	3,823
57.	Slate roofing, etc., tonnage,...	6	974,100	28,146	255	764
58.	Slate roofing, etc., squares...	14	630,914	69,280	244	1,560
59.	Window glass, bottles, and table goods,	21	14,908,346	2,041,178	265	9,843
60.	Glazed and chrome kid, ...	7	4,861,913	9,330,221	270	4,439
61.	Men's, women's, misses and children's shoes,	14	3,350,382	2,872,097	295	3,327

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$3,292,239	\$10,067,941	\$1,650 48	\$533 71	\$1 79	35.8	33.3	.....	30
1,748,800	6,867,126	1,831 19	645 82	1 82	34.7	29.8	.....	31
140,544	477,377	1,131 23	333 04	1 14	23.8	29.4	.....	32
32,108	132,105	2,359 02	573 36	2 04	36.4	24.4	.....	33
504,686	1,301,478	1,241 87	481 57	1 54	32.6	38.8	.....	34
3,517,368	15,447,949	2,487 59	566 40	1 91	34.8	22.8	.....	35
230,909	1,134,772	2,133 03	431 04	1 72	35.8	20.3	.....	36
73,594	508,936	1,132 10	442 19	1 52	47.1	30.9	.....	37
116,057	334,973	1,127 85	390 76	1 42	28.0	34.6	.....	38
879,148	4,572,828	2,725 17	523 93	1 71	66.8	19.2	.....	39
124,543	508,450	1,925 95	471 75	1 87	47.0	24.0	6,597 tons.	40
88,304	306,812	1,557 42	448 24	1 47	51.3	28.8	.....	41
743,346	3,122,618	2,009 40	478 34	1 60	46.9	23.8	.....	42
193,157	645,011	2,406 76	720 73	2.39	31.1	29.9	.....	43
97,992	377,368	1,474 09	282 78	1 62	64.8	26.0	.....	44
63,243	205,621	1,408 36	433 17	1 48	38.6	30.7	.....	45
134,105	554,813	1,691 32	411 90	1 37	52.4	24.2	.....	46
768,824	4,671,243	2,684 62	441 85	1 49	37.4	16.4	71,184 tons.	47
140,741	964,084	2,120 01	455 47	1 57	51.4	14.5	19,614,146 rolls.	48
2,653,246	10,362,696	1,195 51	306 10	1 04	38.9	25.6	420,548,723 cigars.	49
98,563	217,460	1,156 70	524 27	1 82	38.5	45.8	.....	50
742,216	6,922,914	3,068 67	329 01	1 09	77.1	10.7	.....	51
595,912	2,478,934	1,125 42	270 87	90	48.7	24.0	.....	52
78,307	232,121	1,349 54	455 27	1 58	27.8	33.7	.....	53
237,666	604,307	1,029 48	404 88	1 60	12.0	39.3	61,882,647 bricks.	54
655,567	1,555,432	864 13	364 20	1 65	10.4	42.1	213,622,520 brick.	55
1,602,426	3,560,462	931 33	413 15	1 40	22.2	45.0	666,863 tons	56
250,065	520,415	681 17	366 58	1 44	5.4	53.8	59,951 tons.	57
665,623	888,733	569 70	362 58	1 48	7.8	63.6	265,796 squares.	58
4,535,356	10,046,883	1,029 71	460 77	1 74	20.3	45.1	.....	59
1,759,101	15,059,704	2,392 54	296 28	1 47	62.0	11.7	1,487,228 dozens.	60
1,211,885	5,173,651	1,555 05	364 26	1 23	55.5	21.5	3,535,684 pairs.	61

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Suspenders,	2	\$150,000	\$440,000	298	212
63.	Hats and caps,	3	360,735	508,555	282	614
64.	Fur and felt hats,	4	3,077,842	729,924	309	1,687
65.	Wool hats,	7	462,722	471,032	294	563
66.	Umbrellas and parasols,	4	353,000	769,178	306	506
67.	Dress trimmings, braids, etc.,	8	1,411,475	1,029,684	302	1,745
68.	Shirts and shirt waists,	9	979,700	1,411,543	299	2,358
69.	Neckwear,	3	135,000	247,396	308	189
70.	Cotton and woolen cloth,	23	3,957,930	4,349,160	277	5,534
71.	Carpets,	17	3,624,415	3,512,455	297	2,704
72.	Cotton goods,	16	3,313,177	1,813,000	290	3,223
73.	Woolen and worsted cassimeres,	10	1,345,000	1,728,005	290	1,800
74.	Woolen and worsted fabrics,	15	3,471,532	4,071,919	294	3,861
75.	Woolen and worsted yarn, ..	12	2,738,000	2,370,290	279	1,611
76.	Rugs, yarns, etc.,	5	5,406,791	2,059,524	292	3,170
77.	Carpet yarns,	11	1,041,068	1,188,499	277	670
78.	Cotton yarns,	7	1,311,543	987,430	295	870
79.	Worsted, woolen and cotton yarns,	9	2,104,926	2,580,330	295	1,730
80.	Woolen blankets, flannels, etc.,	5	853,909	737,822	303	894
81.	Lace goods,	3	886,044	384,509	303	1,251
82.	Chenille goods,	3	515,000	401,696	301	654
83.	Upholstery goods,	8	1,773,000	1,417,319	264	1,853
84.	Knit goods, underwear,	13	2,096,610	2,926,399	291	3,188
85.	Hosiery,	31	3,117,842	2,634,225	287	6,593
86.	Silk, broad goods, thrown-silk, yarns, etc.,	5	1,902,500	4,546,170	282	3,673
87.	Silk, broad goods and ribbons,	2	1,700,000	1,128,292	299	1,750
88.	Silk—Ribbons,	4	504,168	478,708	283	728
Total,		771	\$253,684,241	\$181,416,894	288	184,623

YEAR 1900.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$76,250	\$624,000	\$2,493 40	\$359 67	\$1 21	70.5	12.2	266,000 dozens.	62
211,921	901,917	1,468 92	345 15	1 22	56.4	23.5	111,091 dozens.	63
808,461	2,494,914	1,478 90	479 23	1 55	29.3	32.4	78,437 dozens.	64
217,479	921,034	1,653 70	386 29	1 31	50.6	23.4	208,122 dozens.	65
135,101	1,134,223	2,241 55	267 00	87	67.8	11.9	865,998 pieces.	66
533,502	2,195,940	1,258 42	305 73	1 01	46.9	24.3	.....	67
733,667	2,808,677	1,201 32	213 80	1 05	50.3	26.1	398,536 dozens.	68
69,247	414,292	2,192 02	366 39	1 19	59.7	16.7	.....	69
1,919,236	7,783,908	1,406 56	346 81	1 25	55.9	24.7	.....	70
1,162,693	5,790,677	2,072 54	416 14	1 40	60.7	20.1	13,510,867 yards.	71
1,111,846	3,724,762	1,155 68	344 97	1 19	48.7	29.9	.....	72
679,829	3,374,548	1,785 47	359 69	1 24	51.1	20.1	.....	73
1,339,930	6,967,156	1,804 50	317 06	1 17	58.7	19.2	.....	74
531,039	4,239,957	2,583 76	323 61	1 16	55.9	12.5	9,383,095 pounds.	75
1,173,598	4,552,504	1,436 12	370 22	1 27	45.2	25.8	.....	76
244,411	1,737,441	2,593 20	364 79	1 32	68.4	14.1	14,337,344 pounds.	77
261,937	1,568,971	1,803 41	301 08	1 02	62.9	16.7	8,941,662 pounds.	78
1,23,490	3,874,415	2,239 54	302 21	1 02	66.6	13 5	5,548,277 pounds.	79
323,711	1,676,132	1,874 87	362 09	1 20	44.0	19.3	.....	80
372,460	1,337,964	1,069 51	297 73	98	28.7	27.8	.....	81
251,665	728,013	1,113 17	384 81	1 28	55.2	34.6	.....	82
759,917	2,871,625	1,549 72	410 10	1 55	49.4	26.5	.....	83
811,968	4,330,995	1,358 53	254 73	88	67.5	18.7	.....	84
1,796,880	5,816,615	882 24	272 54	95	45.3	30.9	5,939,122 dozens.	85
859,311	6,205,109	1,689 38	238 95	83	73.3	13.8	.....	86
465,000	2,784,047	1,590 88	265 71	89	40.5	16.7	6,388,130 yards.	87
221,341	1,094,713	1,593 73	304 04	1 07	43.7	20.2	15,209,686 yards.	88
\$81,029,889	\$351,376,555	\$1,923 21	\$439 97	\$1 53	51.6	23.1	.....

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1.	Steel castings,	7	\$5,394,265	\$574,406	302	1,478
2.	Steel billets, slabs, blooms, etc.,	4	13,791,119	14,531,245	290	1,838
3.	Tool steel, etc.,	3	1,050,000	126,488	295	167
4.	Iron and steel forgings,	7	585,600	281,056	278	482
5.	Iron specialties,	2	55,500	53,750	301	53
6.	Malleable iron,	4	1,594,090	873,539	286	1,905
7.	Bolts, nuts, etc.,	7	1,850,648	1,165,713	307	1,290
8.	Wire nails, rivets, etc.,	4	535,000	443,771	301	255
9.	Tacks and small nails,	4	158,500	70,748	280	142
10.	Wire,	5	618,100	216,782	302	258
11.	Wire rope,	2	1,400,000	1,089,791	308	393
12.	Wire goods,	5	169,989	112,779	294	242
13.	Wagon and carriage axles and springs,	5	594,642	320,686	284	198
14.	Scales, etc.,	4	217,600	126,852	293	183
15.	Stoves, ranges, heaters, etc.,	29	7,199,895	1,226,571	254	3,693
16.	Bath boilers, tanks, etc.,	2	59,000	49,704	304	44
17.	Hardware specialties,	13	3,888,920	949,253	298	3,101
18.	Edge tools,	12	1,725,640	500,219	297	1,097
19.	Wrenches, picks, etc.,	5	575,000	225,495	281	357
20.	Locomotives and cars built and repaired,	3	1,520,800	6,483,061	304	7,498
21.	Wrought iron pipe and tubes,	5	14,101,131	15,141,057	284	6,574
22.	Cast iron pipe,	3	916,776	1,254,082	315	841
23.	Brass, copper and bronze goods,	18	2,131,616	2,503,355	305	1,729
24.	Iron and steel bridges,	7	1,951,050	3,802,840	309	2,076
25.	Locomotives, stationery engines, etc.,	9	15,440,434	12,289,340	303	13,298
26.	Engines, boilers, etc.,	10	4,337,000	2,489,348	303	2,533
27.	Cars, springs, axles and railway supplies,	10	23,172,047	17,785,967	308	9,439
28.	Iron vessels and engines,	3	12,247,131	5,978,086	330	6,268

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$734,578	\$2,542,494	\$1,720 23	581 98	\$1 65	22.6	28.9	30,501 tons.	1
1,411,838	17,992,938	9,789 41	768 14	2 65	81.0	7.8	863,499 tons.	2
131,830	664,097	3,976 63	789 40	2 68	19.0	19.9	2,424 tons.	3
255,175	754,797	1,565 97	529 41	1 90	37.2	33.8	9,401 tons.	4
25,372	105,750	1,995 28	478 72	1 59	50.8	24.0	1,265 tons.	5
939,514	2,153,732	1,130 57	493 18	1 72	40.6	43.6	33,182 tons.	6
458,212	2,124,821	1,647 54	378 46	1 23	54.9	23.0	.....	7
115,167	795,616	3,120 06	451 64	1.50	55.8	14.5	15,159 tons.	8
49,715	200,523	1,412 17	350 11	1 25	35.3	24.8	2,311 tons.	9
107,069	459,569	1,781 28	415 00	1 37	47.2	23.3	4,889 tons.	10
169,682	1,693,920	4,310 23	431 76	1 40	64.4	10.0	6,707 tons.	11
72,771	376,397	1,555 36	300 70	1 02	30.0	19.3	.....	12
505,093	860,022	1,438 18	510 12	1 80	37.3	35.5	.....	13
111,951	400,587	2,189 00	611 75	2 09	31.7	27.9	.....	14
2,040,694	4,954,554	1,341 61	552 58	2 18	24.8	41.2	.....	15
20,030	95,958	2,180 86	455 23	1 50	51.8	20.9	.....	16
1,345,978	3,618,256	1,166 80	431 05	1 46	26.2	37.2	.....	17
494,080	1,488,852	1,357 20	450 39	1 52	33.6	33.2	.....	18
183,238	713,089	1,997 45	513 27	1 83	31.6	25.7	.....	19
4,593,043	11,622,675	1,550 10	612 57	2 02	55.8	39.5	.....	20
3,301,349	27,381,482	4,165 12	502 18	1 77	55.3	12.1	410,878 tons.	21
402,535	2,004,285	2,383 22	478 61	1 52	62.6	20.0	78,122 tons.	22
831,059	4,035,363	2,333 93	480 65	1 58	62.0	20.6	108,276 tons.	23
1,176,736	6,432,504	3,098 51	566 83	1 83	59.1	18.3	.....	24
8,314,869	27,094,502	2,037 49	625 27	2 06	45.4	30.7	.....	25
1,425,785	5,100,778	2,013 73	562 88	1 86	48.8	27.9	.....	26
5,080,224	27,091,301	2,870 14	582 22	1 75	65.7	18.9	..	27
3,587,294	10,619,270	1,694 24	572 32	1 78	56.3	33.8	.....	28

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
29.	Boilers, tanks, stacks, etc.,	21	\$2,640,108	\$2,567,205	298	2,135
30.	Machinery,	20	11,451,866	3,825,721	307	6,342
31.	Foundries and machine shops,	25	4,236,480	2,080,142	303	3,622
32.	Files, etc.,	2	515,000	118,953	288	415
33.	Saws,	3	334,000	44,758	288	57
34.	Plumbers' supplies,	3	2,274,610	485,511	332	1,086
35.	Electrical supplies,	4	18,488,343	5,696,529	300	7,212
36.	Shovels, spades, scoops, etc.,	8	766,100	541,074	283	592
37.	Saies and vault doors,	2	173,262	148,595	303	224
38.	Metal and metallic goods, ...	3	390,600	99,610	294	252
39.	Building and structural iron work,	2	833,950	3,327,881	306	2,286
40.	Iron chains,	5	351,174	239,113	290	288
41.	Iron fences and railings,	7	113,628	206,195	306	220
42.	Agricultural implements, ...	11	2,129,000	1,488,431	302	1,571
43.	Steam pumps,	2	503,522	178,558	302	231
44.	Bicycles,	3	240,000	139,241	274	97
45.	Pianos and organs,	2	358,081	83,646	296	150
46.	Tinware,	5	578,000	337,778	272	461
47.	Paper manufactories,	8	5,799,229	1,776,599	293	1,725
48.	Wall paper,	3	750,000	550,626	289	331
49.	Cigars,	46	4,071,587	3,965,446	294	8,866
50.	Book binding,	3	140,000	95,214	290	188
51.	Cordage, rope, twine, etc.,	5	3,510,000	5,676,078	300	2,294
52.	Paper, paper boxes, envelopes, etc.,	26	1,470,644	1,130,937	301	2,094
53.	Pottery,	2	505,000	72,323	304	171
54.	Paving brick,	7	638,707	37,076	234	553
55.	Building brick,	33	3,622,539	180,064	231	1,729
56.	Fire brick,	17	2,998,426	724,698	298	3,787
57.	Slate roofing, etc., tonnage,...	6	1,043,453	42,098	268	907
58.	Slate roofing, etc., squares,...	14	553,814	86,468	254	1,578
59.	Window glass, bottles, and table goods,	21	13,642,725	1,784,703	256	8,730
60.	Glazed and chrome kid, ...	7	5,931,303	9,553,784	298	4,783
61.	Men's, women's, misses and children's shoes,	14	2,400,518	3,109,286	299	3,384

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity	No.
\$1,050,002	\$4,758,297	\$2,228 71	\$496 49	\$1 66	53.9	22.3	.....	29
3,497,692	10,493,408	1,654 59	551 42	1 80	36.5	23.3	.....	30
1,975,184	5,911,565	1,632 12	545 33	1 80	35.2	23.4	.....	31
154,565	589,325	1,420 09	372 45	1 29	20.2	26.2	.....	32
33,271	128,426	2,253 09	583 70	2 03	31.9	25.9	.....	33
527,899	1,431,561	1,318 19	486 09	1 46	23.9	36.9	.....	34
4,116,501	16,297,597	2,259 79	570 78	1 90	34.9	25.3	.....	35
289,145	1,612,469	2,723 76	488 42	1 73	33.5	17.9	.....	36
101,832	323,538	1,489 00	454 60	1 53	44.6	20.5	.....	37
117,163	344,926	1,368 75	464 93	1 58	28.9	33.9	.....	38
1,199,559	6,403,461	2,801 16	524 78	1 72	51.9	18.7	.....	39
142,794	561,193	1,948 59	495 81	1 71	42.6	25.4	5,956 tons.	40
103,420	379,015	1,722 80	470 09	1 54	54.4	27.3	.....	41
806,857	3,386,430	2,151 77	513 59	1 70	44.0	23.9	.....	42
160,245	411,468	1,781 25	593 70	2 30	43.4	38.9	.....	43
55,269	197,218	2,033 17	569 78	2 08	70.6	28.0	.....	44
65,460	197,752	1,318 35	436 40	1 48	42.3	33.1	.....	45
170,087	559,243	1,386 64	368 95	1 36	52.8	26.5	.....	46
738,509	4,567,498	2,647 82	428 12	1 46	38.9	16.2	71,878 tons.	47
136,042	866,365	2,617 42	411 00	1 42	63.6	15.7	22,398,173 rolls.	48
2,558,783	10,341,882	1,166 80	304 40	1 03	38.3	26.1	400,853,767 cigars.	49
103,717	236,637	1,258 71	551 59	1 90	40.2	43.7	.....	50
785,781	7,446,401	3,246 03	342 54	1 14	76.2	10.6	.....	51
589,503	2,452,806	1,171 35	281 52	93	46.5	24.0	.....	52
83,136	246,060	1,439 00	486 17	1 60	23.4	33.8	.....	53
206,868	412,809	746 49	374 08	1 60	9.0	50.1	.....	54
724,002	1,662,119	877 20	375 23	1 62	10.6	42.8	268,577,507 bricks.	55
1,622,430	3,221,632	850 71	428 42	1 44	22.5	50.4	693,977 tons	56
362,028	729,002	803 75	399 15	1 49	5.8	49.7	68,902 tons.	57
515,681	967,230	612 95	390 16	1 54	8.9	63.7	286,526 squares.	58
3,944,743	8,674,560	993 65	451 86	1 76	20.6	45.5	.....	59
2,111,284	19,364,997	4,048 71	441 41	1 48	49.3	10.9	1,851,886 dozens.	60
1,288,151	5,413,218	1,599 65	386 66	1 27	57.4	23.8	3,589,210 pairs.	61

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
62.	Suspenders,	2	\$170,500	\$476,000	293	198
63.	Hats and caps,	3	375,548	467,440	287	691
64.	Fur and felt hats,	4	3,074,328	873,632	308	2,060
65.	Wool hats,	7	489,264	386,829	282	538
66.	Umbrellas and parasols,	4	350,819	907,717	306	522
67.	Dress trimmings, braids, etc.,	8	1,529,063	958,843	292	1,669
68.	Shirts and shirt waists,	9	967,900	1,403,516	299	2,419
69.	Neckwear,	3	135,850	222,189	308	181
70.	Cotton and woolen cloths,	23	4,123,393	4,332,102	280	5,171
71.	Carpets,	17	3,628,328	3,882,593	298	2,801
72.	Cotton goods,	16	3,363,442	1,863,117	287	3,116
73.	Woolen and worsted cassimeres,	10	1,345,000	1,991,761	278	1,938
74.	Woolen and worsted fabrics,	15	3,684,989	3,671,060	294	3,254
75.	Woolen and worsted yarns,	12	2,749,500	2,999,031	292	1,658
76.	Rugs, yarns, etc.,	5	5,161,001	2,047,869	279	3,209
77.	Carpet yarns,	11	1,074,009	1,249,013	291	688
78.	Cotton yarns,	7	1,426,207	837,474	285	720
79.	Worsted, woolen and cotton yarns,	9	2,209,183	2,482,402	291	1,830
80.	Woolen blankets, flannels, etc.,	5	851,526	887,731	291	912
81.	Lace goods,	3	913,154	438,178	302	1,238
82.	Chenille goods,	3	640,000	426,241	304	680
83.	Upholstery goods,	8	1,830,974	1,407,851	285	1,951
84.	Knit goods, underwear,	13	2,161,429	2,537,073	282	2,980
85.	Hosiery,	31	3,303,176	2,737,834	290	6,756
86.	Silk—Broad goods, thrown-silk, yarns, etc.,	5	1,897,500	3,628,140	261	3,945
87.	Silk—Broad goods and ribbons,	2	1,700,000	1,202,479	301	2,409
88.	Silk—Ribbons,	4	556,521	676,037	302	1,239
Total,		771	\$260,452,976	\$186,054,607	293	191,153

YEAR 1901.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$61,400	\$701,000	\$3,540 40	\$310 10	\$1 04	67.9	8.8	450,000 dozens.	62
244,900	1,046,651	1,514 69	354 41	1 23	44.7	23.4	139,964 dozens.	63
980,610	2,954,738	1,434 34	476 02	1 55	29.6	33.2	90,025 dozens.	64
187,791	788,215	1,465 08	319 06	1 24	49.1	23.8	241,180 dozens.	65
144,419	1,243,643	2,382 46	276 66	90	73.0	11.6	979,913 pieces.	66
494,333	2,034,319	1,218 89	296 18	1 01	47.1	24.3	.....	67
774,447	2,886,635	1,193 32	320 15	1 07	48.6	26.8	389,016 dozens.	68
57,388	359,704	1,987 31	317 06	1 03	61.8	15.9	.....	69
1,811,817	7,600,125	1,463 74	359 39	1 25	57.0	23.8	.....	70
1,254,800	6,553,397	2,339 66	417 98	1 50	59.3	19.2	14,987,827 yards.	71
1,045,654	3,682,324	1,183 27	336 00	1 17	60.6	28.4	.....	72
682,907	3,811,108	1,966 40	352 41	1 27	52.3	17.9	.....	73
1,128,409	6,175,609	1,897 82	346 77	1 19	69.4	18.3	.....	74
578,871	4,487,135	2,706 35	349 14	1 19	66.8	12.9	9,156,971 pounds.	75
1,179,748	4,241,326	1,321 70	367 64	1 32	48.3	27.8	.....	76
265,572	1,797,185	2,612 19	386 01	1 33	63.9	14.8	14,603,056 pounds.	77
229,243	1,328,065	1,844 53	318 39	1 12	63.1	17.3	7,935,951 pounds.	78
536,758	3,742,286	2,044 97	294 40	1 01	66.3	14.4	6,239,229 pounds.	79
299,492	1,670,231	1,831 39	328 39	1 13	63.2	17.9	.....	80
382,726	1,422,392	1,157 02	309 96	1 02	30.6	26.7	.....	81
270,854	791,504	1,163 98	398 32	1 31	63.9	34.2	.....	82
831,100	3,033,862	1,555 03	425 99	1 49	46.4	27.4	.....	83
766,663	3,950,409	1,325 64	257 27	91	64.2	19.4	.....	84
1,874,579	6,082,610	900 33	277 47	96	45.0	30.8	6,166,032 dozens.	85
858,580	5,615,619	1,423 48	217 64	84	64.6	15 3	.....	86
542,822	3,207,575	1,336 49	226 18	75	37.5	16.9	3,163,175 yards.	87
313,691	1,419,536	1,561 65	345 09	1 14	47.6	22.1	23,694,069 yards.	88
\$86,103,628	\$566,722,365	\$1,918 48	\$150 44	\$1 54	50.7	23.5	.....

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No	Character of Industries.	Number of estab- lishments considered.	Capital in- vested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number workmen employed.
1.	Steel castings,	7	\$5,394,265	\$986,715	303	1,675
2.	Steel billets, slabs, blooms, etc.,	4	13,791,119	13,911,881	291	3,104
3.	Tool steel, etc.,	3	695,000	176,919	300	213
4.	Iron and steel forgings,	7	601,200	334,198	290	573
5.	Iron specialties,	2	55,500	59,450	300	57
6.	Malleable iron,	4	2,295,903	928,899	299	2,166
7.	Bolts, nuts, etc.,	7	1,927,341	1,508,979	309	1,365
8.	Wire nails, rivets, etc.,	4	878,625	449,872	235	265
9.	Tacks and small nails,	4	158,500	75,900	254	130
10.	Wire,	5	618,100	186,567	239	258
11.	Wire rope,	2	1,400,000	1,142,340	307	422
12.	Wire goods,	5	178,068	106,575	279	211
13.	Wagon and carriage axles and springs,	5	594,388	428,446	284	710
14.	Scales, etc.,	4	226,000	126,498	293	175
15.	Stoves, ranges, heaters, etc., ..	29	7,024,747	1,426,055	261	3,751
16.	Bath boilers, tanks, etc., ..	2	59,000	51,115	305	42
17.	Hardware specialties,	13	4,140,307	1,195,097	298	3,488
18.	Edged tools,	12	1,774,931	611,348	299	1,201
19.	Wrenches, picks, etc.,	5	595,000	253,913	283	357
20.	Locomotives and cars built and repaired,	3	1,547,000	5,876,007	303	8,261
21.	Wrought iron pipe and tubes, ..	5	14,101,131	15,644,780	220	6,423
22.	Cast iron pipe,	3	1,016,776	1,383,510	312	861
23.	Brass, copper and bronze goods,	18	2,221,516	2,653,170	303	1,807
24.	Iron and steel bridges,	7	2,081,050	5,035,759	310	2,562
25.	Locomotives, stationary, en- gines, etc.,	9	13,195,556	16,024,833	308	13,621
26.	Engines, boilers, etc.,	10	4,682,550	2,934,119	299	2,634
27.	Car springs, axles and rail- way supplies,	10	11,657,382	26,101,519	308	9,728
28.	Iron vessels and engines,	3	12,955,641	6,096,543	325	6,570

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$974,823	\$3,177,835	\$1,897 21	\$581 98	\$1 92	31.0	30.7	42,116 tons.	1
2,531,172	23,276,586	7,466 71	815 46	2 89	59.8	10.9	840,586 tons.	2
222,421	918,139	4,310 17	1,091 18	3 64	19.3	25.3	3,428 tons.	3
306 078	900,020	1,681 77	533 45	1 91	35.9	32.9	10,225 tons.	4
50,600	115,495	2,026 23	526 32	1 75	51.5	26.0	1,520 tons.	5
1,208,275	2,751,425	1,270 28	557 84	1 87	33.7	43.9	36,587 tons.	6
545,372	2,625,000	1,921 67	395 24	1 29	57.5	20.8	.....	7
115,036	703,570	2,654 98	434 10	1 44	63.9	16.3	15,149 tons.	8
41,872	184,112	1,416 25	322 09	1 27	41.2	22.8	2,172 tons.	9
119,271	438,588	1 699 95	462 29	1 55	42.5	27.2	4,450 tons.	10
196,172	1,686,064	3,905 41	464 86	1 51	67.8	11.6	6,994 tons.	11
77,324	365,833	1,655 35	349 87	1 25	29.1	21.1	.....	12
338,373	1,054,198	1,484 79	476 58	1 68	40.6	32.1	.....	13
109,691	405,729	2,318 45	626 81	2 14	31.2	27.0	.....	14
2,173,727	5,020,425	1,418 40	579 50	2 22	26 8	40.9	.....	15
19,951	102,545	2,441 55	475 02	1 56	49.9	19.4	.....	16
1,591,992	4,186,378	1,200 22	456 42	1 53	28.5	38.0	.....	17
572,350	1,839,090	1,547 93	475 56	1 59	32.9	30.8	.....	18
207,429	684,864	2,094 38	634 34	2 24	37.1	30.3	.....	19
5,180,764	11,762,401	1,423 84	627 14	2 07	49.9	44.0	.....	20
3,838 217	29,664,292	4,614 87	507 11	2 71	52.7	12.9	321,179 tons.	21
420,115	2,207,605	2,564 00	487 94	1 56	62.7	19.0	80,866 tons.	22
940,407	4,453,598	2,454 64	520 42	1 72	59.6	21.1	.....	23
1,259,652	7,947,777	3,513 61	556 88	1 80	63.4	15.9	124,167 tons.	24
10,142,042	32,801,859	2,099 86	649 26	2 11	40.9	30.9	.....	25
1,517,371	5,742,681	2,179 99	576 07	1 93	51.1	26.4	.....	26
5,648,752	38,083,264	3,914 81	580 67	1 88	68.5	14.8	.....	27
4,053,706	12,367,771	1,883 98	617 00	1 90	49.3	32.8	.....	28

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered.	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number workmen employed.
29.	Boilers, tanks, stacks, etc.,	21	\$2,789,814	\$2,724,397	300	2,426
30.	Machinery,	20	11,547,349	4,308,045	298	6,834
31.	Foundries and machine shops,	25	5,142,452	2,973,562	305	4,154
32.	Files, etc.,	2	515,500	113,206	302	415
33.	Saws, etc.,	3	333,900	45,450	295	55
34.	Plumber supplies,	3	2,291,033	538,990	321	1,112
35.	Electrical supplies,	4	20,286,676	7,878,231	301	8,347
36.	Shovels, scoops, spades, etc.,	8	863,232	566,982	283	615
37.	Safes and vault doors,	2	224,329	210,710	304	249
38.	Metal and metallic goods,	3	400,000	96,487	287	247
39.	Building and structural iron work,	2	833,950	3,876,417	306	2,427
40.	Iron chains,	5	416,494	514,757	274	631
41.	Iron fences and railings,	7	118,953	361,896	307	352
42.	Agricultural implements,	11	1,620,829	1,703,661	300	1,742
43.	Steam pumps,	2	516,533	179,773	302	248
44.	Bicycles,	2	245,626	102,523	194	172
45.	Pianos and organs,	2	422,639	82,761	297	170
46.	Tinware,	5	606,000	471,267	302	653
47.	Paper manufactories,	8	6,468,589	2,013,740	290	1,881
48.	Wall paper,	4	745,000	554,664	290	325
49.	Cigars,	46	3,847,738	3,781,362	294	8,025
50.	Book binding,	3	150,000	88,885	279	170
51.	Cordage, rope and twine, ...	5	3,510,000	5,729,169	296	2,367
52.	Paper, paper boxes, envelopes, etc.,	26	1,544,654	1,225,052	297	2,179
53.	Pottery,	2	572,340	45,785	303	155
54.	Paving brick,	7	727,862	63,044	283	615
55.	Building brick,	33	4,846,787	197,242	231	2,154
56.	Fire brick,	17	3,107,816	901,460	297	4,169
57.	Slate roofing, etc., (tonnage),	6	1,053,826	85,345	251	973
58.	Slate roofing, etc., (squares),	14	568,014	89,997	255	1,575
59.	Window glass, bottles and table goods,	21	15,383,325	2,055,266	267	9,614
60.	Glazed and chrome kid,	7	6,030,353	8,585,937	282	4,228

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$1,216,711	\$5,179,748	\$2,135 20	\$501 53	\$1 67	52.6	23.5	.....	29
3,825,610	11,823,016	1,714 97	554.92	1 86	36.4	32.4	.....	20
2,387,432	7,516,312	1,809 41	574 73	1 88	39.6	31.8	.....	31
167,866	611,916	1,474 50	404 50	1 34	18.5	27.4	.....	32
35,707	131,473	2,390 42	647 40	2 19	34.6	27.2	.....	23
553,742	1,611,691	1,449 36	497 97	1 55	33.4	34.4	.....	34
4,896,954	18,918,428	2,263 78	583 97	1 95	41.7	25.9	.....	35
319,989	1,617,140	2,629 50	529 31	1 84	35.1	19.7	.....	36
108,844	373,524	1,500 10	437 12	1 44	56.4	29.1	.....	37
112,562	307,438	1,244 69	455 72	1 59	31.4	36.6	.....	38
1,309,729	5,730,246	2,361 04	539 65	1 76	67.6	24.4	.....	39
320,036	1,091,064	1,729 10	507 19	1 85	47.2	29.3	12,097 tons.	40
137,355	625,917	1,866 58	448 74	1 46	56.9	24.8	.....	41
901,136	3,684,650	2,114 61	517 32	1 72	46.2	24.2	.....	42
187,823	491,452	2,005 85	757 35	2 51	36.1	37.7	.....	43
65,621	220,687	1,283 06	381 52	1 97	46.5	20.8	.....	44
69,921	266,934	1,217 26	411 30	1 39	40.0	33.8	.....	45
268,263	870,087	1,332 44	410 82	1 36	54.2	30.8	.....	46
876,215	5,062,019	2,691 13	465 82	1 60	39.8	17.3	85,524 tons.	47
142,106	870,074	2,677 15	437 25	1 51	63.8	16.3	22,398,173 rolls.	48
2,593,280	11,497,597	1,432 72	323 15	1 10	32.9	22.6	396,926,679 cigars.	49
99,029	230,513	1,355 96	582 52	2 09	38.5	42.9	.....	50
821,467	7,715,056	3,259 42	347 05	1 17	74.2	10.6	.....	51
652,209	2,695,396	1,282 88	299 35	1 01	45.4	24.2	.....	52
77,448	260,666	1,294 62	499 66	1 65	22.8	38.6	.....	53
246,244	598,704	973 50	400 40	1 58	10.5	41.1	55,947,334 bricks.	54
787,686	1,984,911	921 04	365 69	1 58	9.9	39.7	223,951,019 bricks.	55
1,823,632	4,225,554	1,013 57	437 43	1 54	21.3	43.2	920,237 tons.	56
372,031	768,971	790 31	382 35	1 52	11.1	48.4	53,031 tons.	57
649,376	1,033,345	657 36	412 30	1 62	8.7	62.7	306,099 squares.	58
4,423,860	9,723,592	1,011 40	460 15	1 72	21.1	45.5	.....	59
1,945,564	17,482,809	4,135 01	483 81	1 71	49.1	11.1	1,724,567 dozen.	60

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

No.	Character of Industries.	Number of establishments considered	Capital invested in plants and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
61.	Men's, women's, misses' and children's shoes,	14	\$2,400,137	\$3,332,897	295	3,371
62.	Suspenders,	2	135,500	530,500	297	202
63.	Hats and caps,	3	354,814	467,420	282	649
64.	Fur and felt hats,	4	3,074,230	916,226	309	2,320
65.	Wool hats,	7	465,390	195,388	286	138
66.	Umbrellas and parasols,	4	415,430	822,288	306	575
67.	Dress trimmings, braids, etc.,	8	1,667,500	958,993	292	1,771
68.	Shirts and shirt waists,	9	989,200	1,562,083	267	2,505
69.	Neckwear,	3	136,200	202,910	308	179
70.	Cotton and woolen cloth,	23	4,855,090	5,324,552	269	5,734
71.	Carpets,	17	3,669,040	4,299,045	259	2,810
72.	Cotton goods,	16	3,400,196	1,842,545	297	3,186
73.	Woolen and worsted cassimeres,	10	1,350,000	2,222,242	284	2,663
74.	Woolen and worsted fabrics,	15	3,915,840	4,504,994	301	3,623
75.	Woolen and worsted yarns,	12	2,889,000	3,214,382	299	1,948
76.	Rugs, yarns, etc.,	5	5,126,650	2,503,693	277	3,409
77.	Carpet yarns,	11	1,037,156	1,382,872	299	706
78.	Cotton yarns,	7	1,431,000	839,150	279	718
79.	Worsted, woolen and cotton yarns,	10	2,023,183	2,944,033	294	1,826
80.	Woolen blankets, flannels, etc.,	5	869,275	1,045,694	298	895
81.	Lace goods,	3	994,195	415,222	270	1,407
82.	Chenille goods,	3	775,313	447,700	281	797
83.	Upholstery goods,	8	1,955,000	1,703,492	303	2,282
84.	Knit goods, underwear,	13	2,217,257	2,592,816	295	3,112
85.	Hosiery,	30	3,662,965	2,860,703	295	7,001
86.	Silk, broad goods, thrown silk, yarns, etc.,	5	1,952,500	4,707,632	303	4,486
87.	Silk, broad goods and ribbons,	2	1,758,248	1,581,158	300	2,620
88.	Silk—Ribbons,	4	517,116	1,075,142	297	1,239
Total,		771	\$262,635,694	\$212,622,632	293	203,927

YEAR 1902.

RECAPITULATION OF COMPARATIVE TABLE BY YEARS, 1896 SERIES.

Aggregate wages paid to workmen.	Market value of production.	Average value of production for each workman employed.	Average yearly earnings.	Average daily wage.	Relative per cent. basic material to value of production.	Relative per cent. wages to value of production.	Total production in tons or given quantity.	No.
\$1,220,887	\$5,505,050	\$1,633 06	\$335 51	\$1 13	60.5	22.2	3,705,931 pairs.	61
76,400	755,400	3,739 60	378 22	1 27	70.2	10.2	317,250 dozen.	62
230,151	988,678	1,522 39	351 62	1 26	47.3	23.3	125,718 dozen.	63
1,044,685	3,171,734	1,361 26	448 36	1 45	28.9	32.9	99,277 dozen.	64
187,747	809,123	1,503 91	349 16	1 21	48.9	23.2	242,618 dozen.	65
139,420	1,119,922	1,917 71	242 47	79	73.4	12.5	85,031 dozen.	66
549,806	2,123,892	1,219 93	315 80	1 08	47.0	25.9	.....	67
880,971	3,238,641	1,562 63	344 46	1 16	48.2	27.2	439,173 dozen.	68
55,068	222,700	1,802 79	307 64	1 00	62.9	17.1	.....	69
2,119,586	8,859,676	1,639 51	392 74	1 32	60.2	24.0	.....	70
1,260,511	7,145,955	2,543 04	454 17	1 62	60.1	19.0	15,786,763 yards.	71
1,114,087	3,822,306	1,193 72	349 69	1 18	48.2	20.2	.....	72
979,658	4,274,507	1,612 66	367 88	1 29	51.8	22.8	.....	73
1,358,031	7,478,657	2,053 18	374 84	1 25	60.5	18.3	.....	74
648,616	5,495,528	2,821 11	332 96	1 11	58.5	11.8	11,441,219 pounds.	75
1,222,743	5,261,138	1,543 31	358 01	1 40	47.6	25.1	.....	76
298,462	1,969,976	2,799 33	422 75	1 41	70.2	15.1	14,968,273 pounds.	77
230,644	1,285,985	1,791 06	321 23	1 15	65.3	17.9	7,870,893 pounds.	78
556,250	4,275,953	2,341 70	304 63	1 04	68.9	13.0	6,199,469 pounds.	79
326,429	1,892,901	2,114 97	364 73	1 22	55.2	17.3	.....	80
437,716	1,080,672	1,194 51	311 10	1 15	24.7	26 0	.....	81
293,469	894,790	1,122 70	368 22	1 31	50.2	22 8	.....	82
1,023,493	3,706,059	1,580 48	448 51	1 48	45.9	27.6	.....	83
864,904	3,968,202	1,275 13	277 93	94	65.4	21.8	.....	84
2,047,842	6,447,718	920 97	292 51	59	44.4	31.8	6,551,860 dozen.	85
1,186,106	7,842,831	1,718 29	266 64	88	60.0	15.1	.....	86
602,688	3,703,873	1,424 57	231 80	77	42.7	16.3	6,485,492 yards.	87
447,730	2,183,104	1,761 99	358 94	1 21	49.2	20.5	33,276,613 yards.	88
\$98,432,570	\$421,141,115	\$2,065 15	\$482 68	\$1 65	50.5	23.4	.....

RESUME.

TOTAL. SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899,
1900, 1901 AND 1902.

Years.	Character of Industries.	Number of estab- lishments considered.	Capital in- vested in plants, and working capital.	Cost of basic material.	Average number of days in operation.	Number of workmen employed.
1896,		771	\$196,940,994	\$91,252,619	270	129,240
1897,		771	199,589,439	100,781,337	286	134,918
1898,		771	204,509,452	114,164,071	286	150,990
1899,		771	236,300,736	163,102,615	283	173,302
1900,		771	253,684,241	181,416,894	288	184,623
1901,		771	260,452,976	186,054,607	293	191,153
1902,		771	262,635,694	212,622,632	293	203,927

RESUME.

TOTAL, SAME ESTABLISHMENTS FOR THE YEARS 1896, 1897, 1898, 1899
1900, 1901 AND 1902.

Aggregate wages paid to workmen.	Market value of produc- tion.	Average value of produc- tion for each workman employed.	Average yearly earn- ings.	Average daily wage.	Relative per cent basic material to value of pro- duction.	Relative per cent. wages to value of produc- tion.
\$49,430,808	\$185,240,628	\$1,433 38	\$382 47	\$1 42	49.3	26.7
51,827,646	202,292,309	1,499 37	284 14	1 34	49.8	25.6
60,681,022	237,590,026	1,573 55	401 89	1 40	48.0	25.5
75,797,895	320,743,139	1,850 78	437 37	1 52	50.9	26.7
81,029,883	351,376,655	1,923 21	439 97	1 53	51.6	23.1
86,103,628	366,722,365	1,918 48	450 44	1 54	50.7	23.5
98,432,570	421,141,115	2,065 15	482 68	1 65	50.5	23.4

COMPARISON OF TOTALS, ALL ESTABLISHMENTS (771) FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Years.	Total number of establishments considered.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1.02 as compared with 1896.	
			Amounts.	Percentage.	Amounts.	Percentage.

CAPITAL INVESTED.

1896,	771	\$196,940,994	\$	.....	\$	.....
1897,	771	199,589,439	+2,648,445	+1.3	.....	.....
1898,	771	204,509,452	+4,920,013	+2.5	.....	.....
1899,	771	236,300,736	+31,791,284	+15.6	.....	.....
1900,	771	253,684,241	+17,383,505	+7.4	.....	.....
1901,	771	260,452,976	+6,768,735	+2.7	.....	.....
1902,	771	262,635,694	+2,182,718	+0.8	+65,694,700	+33.4

VALUE OF BASIC MATERIAL.

1896,	771	91,252,619	.....	.....	.....	.....
1897,	771	100,781,337	+9,528,718	+10.4	.....	.....
1898,	771	114,164,071	+13,382,734	+13.3	.....	.....
1899,	771	163,102,615	+48,938,544	+42.9	.....	.....
1900,	771	181,416,894	+18,314,279	+11.2	.....	.....
1901,	771	186,054,607	+4,637,713	+2.5	.....	.....
1902,	771	212,622,632	+26,568,025	+14.3	+121,370,013	+133.0

AVERAGE NUMBER OF DAYS IN OPERATION.

1896,	771	270	.....	.....	.....	.....
1897,	771	286	+16	+5.9	.....	.....
1898,	771	286	.....	.....	.....	.....
1899,	771	288	+2	+0.7	.....	.....
1900,	771	288	.....	.....	.....	.....
1901,	771	293	+5	+1.7	.....	.....
1902,	771	293	.....	.....	+23	+8.5

NUMBER OF PERSONS EMPLOYED.

1896,	771	129,240	.....	.....	.....	.....
1897,	771	124,918	+5,678	+4.4	.....	.....
1898,	771	150,900	+16,072	+11.9	.....	.....
1899,	771	173,302	+22,312	+14.8	.....	.....
1900,	771	184,623	+11,321	+6.5	.....	.....
1901,	771	191,153	+6,530	+3.5	.....	.....
1902,	771	203,927	+12,774	+6.7	+74,687	+57.8

COMPARISON OF TOTALS, ALL ESTABLISHMENTS (771) FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Years.	Total number of establishments considered.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1/2 as compared with 1896.	
			Amounts.	Percentage.	Amounts.	Percentage.

AGGREGATE AMOUNT OF WAGES PAID.

1896.	771	\$49,430,808	\$	. . .	.	.....
1897.	771	51,827,646	+2,396,838	+4.8	.....	.....
1898.	771	60,681,022	+8,853,376	+17.1	.....	.....
1899.	771	75,797,895	+15,116,873	+24.9	.....	.....
1900.	771	81,029,889	+5,231,994	+6.9	.....	.....
1901.	771	86,113,628	+5,073,739	+6.3	.....	.....
1902.	771	98,422,570	+12,328,942	+14.8	+49,001,762	+99.1

MARKET VALUE OF PRODUCTION.

1896.	771	185,249,628	.....	.....	.....	.....
1897.	771	202,292,309	+17,042,681	+9.2	.....	.....
1898.	771	237,590,026	+35,297,717	+17.5	.....	.....
1899.	771	320,743,130	+83,153,113	+34.9	.....	.....
1900.	771	351,376,655	+30,633,516	+9.5	.....	.....
1901.	771	366,722,365	+15,345,710	+4.4	.....	.....
1902.	771	421,141,115	+54,418,750	+14.8	+235,891,487	+127.3

VALUE OF PRODUCTION DURING THE YEAR TO EACH EMPLOYEE.

1896.	771	1,433.38	.....	.....	.....	.....
1897.	771	1,499.37	+65.99	+4.6	.....	.....
1898.	771	1,573.55	+74.18	+4.9	.....	.....
1899.	771	1,850.78	+277.23	+17.6	.....	.....
1900.	771	1,923.21	+72.43	+3.9	.....	.....
1901.	771	1,918.48	—4.73	—2	.....	.....
1902.	771	2,065.15	+146.67	+7.6	+631.77	+44.0

AVERAGE YEARLY EARNINGS.

1896.	771	382.47	.....	.....	.....	.....
1897.	771	384.14	+1.67	+0.4	.....	.....
1898.	771	401.89	+17.75	+4.6	.....	.....
1899.	771	437.37	+35.48	+8.8	.....	.....
1900.	771	439.97	+2.60	+6	.....	.....
1901.	771	450.44	+10.47	+2.4	.....	.....
1902.	771	482.68	+32.24	+7.2	+100.21	+26.2

**COMPARISON OF TOTALS, ALL ESTABLISHMENTS (771) FOR
THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.**

Years.	Total number of es- tabli- ments consid- ered.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1.02 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

**AVERAGE DAILY
WAGE.**

			Cts.		Cts.	
1896,	771	\$1 42	.....	.....	.....	.....
1897,	771	1 34	—08	—5.0	.....	.....
1898,	771	1 40	+06	+4.5	.....	.....
1899,	771	1 52	+12	+8.6	.....	.....
1900,	771	1 53	+01	+6	.....	.....
1901,	771	1 54	+01	+6	.....	.....
1902,	771	1 65	+11	+7.1	+23	+16.9

**RELATIVE PER CENT.
BASIC MATERIAL TO
VALUE OF PRODUCTION.**

1896,	771	49.3	.....	.....	.....	.....
1897,	771	49.8	+5	.....	.....	.....
1898,	771	48.0	—1.8	.....	.....	.....
1899,	771	50.9	+2.9	.....	.....	.....
1900,	771	51.6	+7	.....	.....	.....
1901,	771	50.7	—9	.....	.....	.....
1902,	771	50.5	—2	.....	+1.2	.....

**RELATIVE PER CENT.
WAGES TO VALUE OF
PRODUCTION.**

1896,	771	26.7	.....	.....	.....	.....
1897,	771	25.6	—1.1	.....	.....	.....
1898,	771	25.5	—1	.....	.....	.....
1899,	771	23.7	—1.8	.....	.....	.....
1900,	771	23.1	—6	.....	.....	.....
1901,	771	23.5	+4	.....	.....	.....
1902,	771	23.4	—1	.....	—3.3	.....

THE 73 INDUSTRIES SHOWING INCREASES IN YEARLY EARNINGS 1902 OVER 1896, AS REDUCED FROM THE 1896 COMPARATIVE SERIES.

INDUSTRIES.	Yearly earnings, 1896.	Yearly earnings, 1902.	Increase of earnings, 1902 over 1896.
Tool steel,	\$554 04	\$1,051 18	\$537 14
Steel billets, slabs, blooms, etc.,	446 83	815 46	368 63
Wrenches picks, etc.,	428 91	634 34	205 43
Wrought iron pipe and tubes,	407 72	597 11	189 39
Saws, etc.,	459 73	647 40	187 67
Car springs, axles and railway supplies,	427 55	580 67	153 12
Metal and metallic goods,	303 56	455 72	152 16
Locomotives and cars built and repaired,	485 43	627 14	141 71
Chenille goods,	226 95	368 22	141 27
Carpets,	346 63	484 17	137 44
Glazed and chrome kid,	352 15	483 81	130 66
Steel castings,	455 72	581 98	126 26
Foundries and machine shops,	450 22	574 73	124 51
Wall paper,	314 67	437 25	122 58
Shovels, scoops, spades, etc.,	399 23	520 31	121 08
Wire nails and rivets,	318 35	434 10	115 75
Brass, copper and bronze goods,	407 01	520 42	113 41
Book binding,	470 76	582 52	111 82
Iron chains,	396 22	507 09	110 87
Stoves, ranges, heaters, etc.,	471 16	579 50	108 34
Malleable iron,	450 75	557 84	107 09
Suspenders,	281 24	378 22	96 98
Slate roofing (squares),	316 89	412 30	95 41
Woolen and worsted fabrics,	282 58	374 84	92 26
Carpet yarns,	335 80	422 75	86 95
Paper manufactories,	381 90	465 82	83 92
Upholstery goods,	364 10	448 51	82 41
Window glass, bottles and table goods,	378 42	460 15	81 63
Electrical supplies,	504 78	585 97	81 19
Slate roofing, etc. (tonnage),	303 61	382 35	78 74
Locomotives, stationary engines, etc.,	561 53	649 26	77 73
Files,	328 99	404 50	75 51
Cotton and woolen cloths,	318 53	393 74	75 21
Cast iron pipe,	412 89	487 94	75 05
Iron and steel forgings,	478 61	553 45	74 84
Paving brick,	326 54	400 40	73 86
Agricultural implements,	445 53	517 32	71 79
Silk ribbons	291 88	358 94	67 06
Cotton goods	282 91	349 69	66 78

THE 78 INDUSTRIES SHOWING INCREASES IN YEARLY EARNINGS 1902 OVER 1896, AS REDUCED FROM THE 1896 COMPARATIVE SERIES.—Continued.

INDUSTRIES.	Yearly earnings, 1896.	Yearly earnings, 1902.	Increase of earnings, 1902 over 1896.
Woolen and worsted yarns,	\$269 36	\$332 96	\$63 60
Plumber supplies,	426 32	497 97	61 65
Woolen and worsted cassimeres,	309 29	367 88	58 59
Hats and caps,	296 23	354 62	58 39
Wine goods,	292 31	349 87	57 56
Lace goods,	253 95	311 10	57 15
Rugs, yarns, etc.,	322 64	388 01	55 37
Hosiery,	237 57	292 51	54 94
Iron and steel bridges,	504 77	556 88	52 11
Engines, boilers, etc.,	522 13	576 07	54 94
Shirts and shirt waists,	292 33	343 46	51 13
Cotton yarns,	271 90	321 23	49 33
Hardware specialties,	407 67	456 42	48 75
Fur and felt hats,	399 97	448 36	48 39
Fire brick,	389 26	437 43	48 22
Iron specialties,	478 23	526 32	47 94
Cigars,	276 47	323 15	46 68
Cordage, rope and twine,	301 21	347 05	45 84
Dress trimmings, braids, etc.,	270 87	315 80	44 93
Iron vessels and engines,	573 87	617 00	43 13
Edged tools,	425 70	476 56	40 86
Scales, etc.,	588 94	626 81	37 87
Boilers, tanks, stacks, etc.,	467 08	501 53	33 45
Tacks and small nails,	289 18	322 09	32 91
Tinware,	378 66	410 82	32 16
Building and structural iron work,	508 18	539 65	31 47
Wool hats,	318 46	349 16	30 70
Machinery,	525 65	554 92	29 27
Paper, paper boxes, envelopes, etc.,	271 76	299 35	27 59
Silk broad goods, thrown silk, yarns, etc.,	243 73	266 64	22 91
Wire rope,	443 72	464 86	21 14
Building brick,	349 25	365 69	16 44
Knit goods, underwear,	262 29	277 93	15 64
Worsted, woolen and cotton yarns,	291 76	304 63	12 87
Safes and vault doors,	426 22	437 12	10 90
Umbrellas and parasols,	231 65	242 47	10 82
Bath boilers, tanks, etc.,	465 04	475 02	9 98
Woolen blankets, flannels, etc.,	358 52	364 73	6 21
Pottery,	497 00	499 56	2 56

THE 10 INDUSTRIES SHOWING DECREASES IN YEARLY EARNINGS 1902 OVER 1896, AS REDUCED FROM THE 1896 COMPARATIVE SERIES.

Industries.	Yearly earnings, 1896.	Yearly earnings, 1902.	Decrease of earnings, 1902 over 1896.
Bicycles,	527 63	\$381 52	\$146 11
Neckwear,	383 74	307 64	76 10
Steam pumps,	793 26	757 25	35 91
Bolts, nuts, etc.,	426 44	399 24	27 20
Wagon and carriage axles and springs,	502 45	476 58	26 87
Iron fences and railings,	474 84	448 74	26 10
Silk broad goods and ribbons,	250 25	221 80	18 45
Pianos and organs,	423 67	411 30	12 37
Men's, women's, misses' and children's shoes,	339 31	332 51	6 80
Wire,	462 70	462 29	41

AVERAGE DAILY WAGE.

Deductions from the 1896 Comparative Series, and means the average for skilled and unskilled labor, men, women and children.

Tool steel, etc.,	\$3 64
Steel billets, slabs, blooms, etc.,	2 80
Wrought iron pipe and tubes,	2 71
Steam pumps,	2 51
Wrenches, picks, etc.,	2 24
Stoves, ranges, heaters, etc.,	2 22
Saws, etc.,	2 19
Scales, etc.,	2 14
Locomotives, stationary engines, etc.,	2 11
Book binding,	2 09
Locomotives and cars built and repaired,	2 07
Bicycles,	1 97
Electrical supplies,	1 95
Engines, boilers, etc.,	1 93
Steel castings,	1 92
Iron and steel forgings,	1 91
Iron vessels and engines,	1 90
Foundries and machine shops,	1 88
Car springs, axles and railway supplies,	1 88
Malleable iron,	1 87
Machinery,	1 86
Iron chains,	1 85
Shovels, scoops, spades, etc.,	1 84
Iron and steel bridges,	1 80
Building and structural iron work,	1 76
Iron specialties,	1 75
Brass, copper and bronze goods,	1 72
Agricultural implements,	1 72
Window glass, bottles and table goods,	1 72
Glazed and chrome kid,	1 71
Wagon and carriage axles and springs,	1 68
Boilers, tanks, stacks, etc.,	1 67
Pottery,	1 65
Slate roofing, etc. (squares),	1 62
Carpets,	1 62
Paper manufacture,	1 60
Edged tools,	1 59

Metal and metallic goods,	1 59
Building brick,	1 58
Paving brick,	1 58
Cast iron pipe,	1 58
Bath boilers, tanks, etc.,	1 56
Plumber supplies,	1 55
Wire,	1 55
Fire brick,	1 54
Hardware specialties,	1 53
Slate roofing, etc. (tonnage),	1 52
Wire rope,	1 51
Wall paper,	1 51
Upholstery goods,	1 48
Iron fences and railings,	1 46
Fur and felt hats,	1 45
Wire nails, rivets, etc.,	1 44
Safes and vault doors,	1 44
Carpet yarns,	1 41
Rugs, yarns, etc.,	1 40
Pianos and organs,	1 39
Tinware,	1 36
Files,	1 34
Cotton and woolen cloths,	1 32
Chenille goods,	1 31
Bolts, nuts, etc.,	1 29
Woolen and worsted cassimeres,	1 29
Suspenders,	1 27
Tacks and small nails,	1 27
Hats and caps,	1 26
Wire goods,	1 25
Woolen and worsted fabrics,	1 25
Woolen blankets, flannels, etc.,	1 22
Wool hats,	1 21
Silk ribbons,	1 21
Cotton goods,	1 18
Cordage, rope and twine,	1 17
Shirts and shirt waists,	1 16
Lace goods,	1 15
Cotton yarns,	1 15
Men's, women's, misses and children's shoes,	1 13
Woolen and worsted yarns,	1 11
Cigars,	1 10
Dress trimmings, braids, etc.,	1 08
Worsted, woolen and cotton yarns,	1 04

Paper, paper boxes, envelopes, etc.,	1 01
Neckwear,	1 00
Hosiery,	99
Knit goods, underwear,	94
Silk broad goods, thrown silk, yarns, etc.,	88
Umbrellas and parasols,	79
Silk broad goods and ribbons,	77

PIG IRON PRODUCTION IN PENNSYLVANIA FOR 1962.

Capital invested,	\$158,391,090
Gross tons of production,	8,111,642
Realized value,	\$126,857,231
Average realized value per ton,	\$15 64
Value of basic material, ore and scrap or cinder only (fuel, limestone, management, office help and all other items of expense are not considered,)	\$61,634,972
Average cost of basic material per ton,	\$7 60
Average number of days in operation,	314
Total number of workmen employed,	17,101
Aggregate wages paid to these workmen,	\$10,191,759
Average earnings for the year,	\$595 97
Average daily wage,	\$1 89
Cost of labor per ton,	\$1 25
Tonnage per man per day,	1 51

COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 and 1902.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
GROSS TONS PRODUCED.					
1896,	4,026,350	.....	.....	.....	.....
1897,	4,617,634	+591,284	+14.7	.....	.....
1898,	5,367,979	+750,345	+16.2	.....	.....
1899,	6,542,998	+1,175,019	+21.9	.....	.....
1900,	6,371,688	—171,310	—2.6	.....	.....
1901,	7,364,295	+992,607	+15.6	.....	.....
1902,	8,111,642	+747,347	+11.5	+4,085,292	+101.4
REALIZED VALUE OF PRODUCTION.					
1896,	\$45,172,039	\$	.....	\$	.....
1897,	48,884,854	+3,712,815	+8.2	.....	.....
1898,	53,331,228	+4,446,374	+9.1	.....	.....
1899,	98,203,803	+44,872,575	+84.1	.....	.....
1900,	105,449,923	+7,246,120	+7.4	.....	.....
1901,	106,883,000	+1,433,077	+1.4	.....	.....
1902,	126,857,231	+19,974,231	+18.7	+81,685,192	+188.3
AVERAGE REALIZED VALUE PER TON.					
1896,	\$11 21	.....	.....	.....	.....
1897,	10 58	—0 63	—5.6	.....	.....
1898,	9 94	—0.64	—6.0	.....	.....
1899,	15 01	+5.07	+51.0	.....	.....
1900,	16 55	+1.54	+10.3	.....	.....
1901,	14 52	—2 03	—12.0	.....	.....
1902,	15 64	+1 12	+7.7	+4.43	+39.5
AGGREGATE COST OF BASIC MATERIAL.					
1896,	\$26,251,420	\$	.....	\$	.....
1897,	29,962,533	+3,711,113	+14.1	.....	.....
1898,	29,377,657	—584,876	—1.9	.....	.....
1899,	33,861,664	+9,484,007	+32.5	.....	.....
1900,	51,090,782	+12,229,118	+31.5	.....	.....
1901,	53,511,173	+2,420,391	+4.7	.....	.....
1902,	61,634,972	+8,123,799	+15.2	+35,383,552	+142.4

COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 and 1902.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
AVERAGE NUMBER OF WORKMEN EMPLOYED.					
1896,	11,580.....	.....	.....	.....	.....
1897,	11,272	—308	—2.7	.....	.....
1898,	11,911	+629	+5.6	.....	.....
1899,	15,347	+3,436	+28.8	.....	.....
1900,	15,785	+438	+2.8	.....	.....
1901,	14,749	—1,036	—6.6	.....	.....
1902,	17,101	+2,352	+15.9	+5,521	+47.7
AVERAGE DAYS OF EMPLOYMENT.					
1896,	289	.....	.....	.....	.....
1897,	306	+17	+5.9	.....	.....
1898,	336	+30	+9.8	.....	.....
1899,	327	—9	—2.7	.....	.....
1900,	323	—4	—1.2	.....	.....
1901,	323	.....	.....	.....	.....
1902,	314	—9	—2.8	+25	+8.7
AGGREGATE AMOUNT OF WAGES PAID.					
1896,	\$4,589,165	\$	.....	\$	.....
1897,	4,676,970	+87,805	+1.9	.....	.....
1898,	5,268,503	+591,533	+12.6	.....	.....
1899,	7,699,633	+2,331,030	+44.2	.....	.....
1900,	8,600,194	+900,661	+11.8	.....	.....
1901,	8,646,479	+146,285	+1.7	.....	.....
1902,	10,191,759	+1,545,280	+17.9	+5,602,594	+122.3
AVERAGE YEARLY EARNINGS.					
1896,	\$396 30	\$	.....	\$	.....
1897,	414 92	+18 62	+4.7	.....	.....
1898,	442 32	+27.40	+6.6	.....	.....
1899,	495 18	+52.86	+11.9	.....	.....
1900,	538 60	+43 32	+8.8	.....	.....
1901,	586 24	+47 74	+8.9	.....	.....
1902,	595 97	+9 73	+1.7	+199 67	+50.4

COMPARISON OF PIG IRON PRODUCTION FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 and 1902.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
AVERAGE DAILY WAGE.					
		Cents.		Cents.	
1896,	\$1 37				
1897,	1 36	—01	—7		
1898,	1 32	—04	—3.0		
1899,	1 51	+19	+14.4		
1900,	1 67	+16	+10.6		
1901,	1 85	+18	+10.8		
1902,	1 89	+04	+2.2	+52	+37.9
AVERAGE COST OF LABOR PER TON.					
		Cents.		Cents.	
1896,	\$1 14				
1897,	1 01	—13	—11.4		
1898,	98	—03	—2.9		
1899,	1 16	+18	+18.3		
1900,	1 33	+17	+14.7		
1901,	1 17	—16	—12.0		
1902,	1 25	+08	+6.6	+11	+9.7
AVERAGE COST OF BASIC MATERIAL PER TON.					
		Cents,			
1896,	\$6 52	\$			
1897,	6 48	—04	—6		
1898,	5 48	—1 00	—15 4		
1899,	5 94	+46	+8.4		
1900,	8 02	+2 08	+35.2		
1901,	7 57	—75	—9 4		
1902,	7 60	+23	+4.5	+1 08	+16.6

PRODUCTION OF PIG IRON BY COUNTIES AND RELATIVE
PER CENT.

Counties.	Gross Tons.	Per cent.
Allegheny,	4,289,197	52.877
Mercer,	709,558	8.748
Cambria,	556,800	6.864
Lawrence,	510,562	6.294
Dauphin,	287,674	3.547
Lehigh,	261,515	3.224
Berks,	255,757	3.153
Montgomery,	236,091	2.911
Lebanon,	218,275	2.651
Northampton,	181,103	2.233
Bedford,	115,154	1.420
Fayette,	73,928	.911
Jefferson,	62,537	.771
Westmoreland,	56,392	.695
Centre,	52,021	.641
Delaware,	40,488	.499
Cameron,	40,152	.495
Armstrong,	40,000	.493
Carbon,	31,296	.386
York,	22,978	.283
Huntingdon,	19,789	.244
Bucks,	18,750	.231
Perry,	15,475	.190
Lancaster,	12,797	.157
Lackawanna,	3,147	.039
Union,	206	.003
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Total tons,	8,111,642	100
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PRODUCTION OF STEEL FOR 1902 BY ESTABLISHMENTS NOT HAVING ROLLING MILLS.

Capital invested,	\$9,144,910
Average days in operation,	294
Average number of working people employed,	6,549
Aggregate wages paid these working people,	\$4,030,748
Steel ingots and castings:	
Bessemer (acid) gross tons,	16,372
Open hearth (acid) gross tons,	116,440
Crucible and other processes gross tons,	3,346
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Total tons,	136,158
Average yearly earnings,	\$615 48
Average daily wage,	\$2 09
Value of production,	\$12,161,681

PRODUCTION OF STEEL IN PENNSYLVANIA FOR 1902.

	Gross Tons.
Bessemer,	4,208,354
Open hearth "acid process,"	791,216
Open hearth "basic process,"	3,429,063
Crucible and other processes,	82,562
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Total,	8,511,195

**PRODUCTION OF STEEL IN 1902 AS COMPARED WITH 1896,
1897, 1898, 1899, 1900, 1901 and 1902.**

Years.	Gross Tons.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
BESSEMER.					
1896,	2,292,814	.....	.....	.....	.....
1897,	2,848,204	+555,390	+24.2	.....	.....
1898,	3,357,684	+509,480	+17.9	.....	.....
1899,	3,971,835	+614,151	+18.3	.....	.....
1900,	3,488,569	—183,266	—12.2	.....	.....
1901,	4,319,144	+830,575	+23.8	.....	.....
1902,	4,208,354	—110,790	—2.6	+1,915,540	+83.5
OPEN HEARTH.					
1896,	1,009,608	.....	.....	.....	.....
1897,	1,421,373	+411,765	+40.8	.....	.....
1898,	1,848,732	+427,359	+30.1	.....	.....
1899,	2,298,210	+549,478	+29.7	.....	.....
1900,	2,702,968	+404,758	+12.7	.....	.....
1901,	3,554,828	+851,860	+31.5	.....	.....
1902,	4,220,279	+665,451	+18.7	+3,210,671	+318.0
CRUCIBLE AND OTHER PROCESSES.					
1896,	43,107	.....	.....	.....	.....
1897,	49,245	+6,138	+14.2	.....	.....
1898,	69,568	+20,323	+41.2	.....	.....
1899,	76,114	+6,546	9.4	.....	.....
1900,	64,500	—11,614	—15.3	.....	.....
1901,	85,748	+21,248	+32.9	.....	.....
1902,	82,562	—3,186	—3.7	+39,455	+91.5
TOTAL PRODUCTION.					
1896,	3,345,529	.....	.....	.....	.....
1897,	4,318,622	+973,093	+29.0	.....	.....
1898,	5,275,984	+957,362	+22.2	.....	.....
1899,	6,446,159	+1,170,175	+22.2	.....	.....
1900,	6,256,775	—189,384	—2.9	.....	.....
1901,	7,959,720	+1,702,945	+27.2	.....	.....
1902,	8,511,195	+551,475	+6.9	+5,165,666	+154.4

PRODUCTION OF STEEL IN 1902 BY COUNTIES WITH RELATIVE PER CENT.

	Gross Tons.	Per cent.
Allegheny,	5,596,982	65.760
Cambria,	765,955	8.999
Dauphin,	449,072	5.276
Chester,	372,544	4.377
Mercer,	351,001	4.124
Lawrence,	297,588	3.496
Montgomery,	208,315	2.448
Westmoreland,	187,462	2.203
Northampton,	93,515	1.099
Philadelphia,	66,075	.776
Delaware,	47,513	.558
Lackawanna,	37,526	.441
Mifflin,	28,058	.330
Berks,	4,550	.053
Beaver,	3,432	.040
Washington,	846	.010
York,	310	.004
Crawford,	308	.004
Lehigh,	145	.002
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Totals,	8,511,195	100.
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PRODUCTION OF ROLLED IRON AND STEEL IN PENNSYLVANIA FOR 1902.

Capital invested,	\$247,870,718
Total tonnage production (gross tons),	9,429,365
Classified as follows:	

Rails,	1,272,222
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Iron and steel structural shapes,	1,074,856
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Cut nails and spikes,	33,638
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*Plates and sheets including black plate	
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for tinning,	1,808,992
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Other rolled products including billets,	
--	--

sheet bar, tin bar, etc., not further fin-	
--	--

ished by the mills reporting,	5,239,657
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Value of production (not including the tin plate works)	\$360,338,972
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Average number of workmen employed during the year	
--	--

exclusive of the tin plate works,	95,720
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Aggregate wages paid to these workmen,	\$60,721,858
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Average days in operation,	285
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Average yearly earnings,	\$634 68
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Average daily wage,	\$2 23
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Average value per ton,	\$39 16
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Cost of labor per ton,	\$6 60
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*Includes 233,105 tons black plate and other sheets made by the Tin Plate Works.

COMPARISON OF ROLLED IRON AND STEEL FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
CAPITAL INVESTED.					
1896,	\$123,951,317	\$	.....	\$	.....
1897,	129,500,796	+5,549,479	+4.5	.....	.....
1898,	134,126,188	+4,625,392	+3.6	.....	.....
1899,	144,428,965	+10,302,777	+7.7	.....	.....
1900,	184,006,675	+39,571,710	+27.4	.....	.....
1901,	232,108,715	+48,102,040	+26.1	.....	.....
1902,	247,870,718	+15,762,003	+6.8	+123,919,401	+99.9
IRON AND STEEL RAILS—PRODUCTION (GROSS TONS.)					
1896,	674,651	.....	.....	.....	.....
1897,	973,518	+298,867	+44.3	.....	.....
1898,	1,069,365	+95,847	+9.8	.....	.....
1899,	1,231,979	+162,614	+15.2	.....	.....
1900,	1,198,098	—33,881	—2.7	.....	.....
1901,	1,406,532	+208,434	+17.4	.....	.....
1902,	1,272,222	—134,310	—9.5	+597,571	+88.6
PLATES AND SHEETS (GROSS TONS.)					
1896,	630,861	.....	.....	.....	.....
1897,	679,133	+48,272	+7.7	.....	.....
1898,	809,364	+220,231	+32.4	.....	.....
1899,	1,100,303	+200,939	+22.3	.....	.....
1900,	1,598,034	+497,731	+45.2	.....	.....
1901,	1,590,502	—7,532	— .5	.....	.....
1902,	1,808,992	+218,490	+13.1	+1,178,131	+186.7
CUT NAILS AND CUT SPIKES (GROSS TONS.)					
1896,	28,840	.....	.....	.....	.....
1897,	44,165	+15,325	+53.1	.....	.....
1898,	30,090	—14,075	—31.9	.....	.....
1899,	41,459	+11,369	+37.8	.....	.....
1900,	24,289	—17,170	—41.4	.....	.....
1901,	37,349	+13,060	+53.3	.....	.....
1902,	33,638	—3,711	—9.9	+4,798	+16.6

COMPARISON OF ROLLED IRON AND STEEL FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902—Continued.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.

AGGREGATE AMOUNT PAID IN THIS INDUSTRY TO WORK- MEN.

1896,	\$23,832,628	\$	.....	\$	.....
1897,	21,349,966	+517,338	+2.2	.....	.....
1898,	27,879,202	+3,527,236	+14.4	.....	.....
1899,	39,120,129	+11,240,927	+40.3	.....	.....
1900,	38,999,869	—120,260	— .3	.....	.....
1901,	53,234,787	+14,334,918	+36.7	.....	.....
1902,	60,721,858	+7,387,071	+13.8	+36,889,230	+154.8

AVERAGE NUMBER OF WORK- ING PEOPLE.

1896,	53,573	.....	.....	.....	.....
1897,	52,798	—775	.....	.....	.....
1898,	56,230	+3,432	.....	.....	.....
1899,	69,982	+13,752	.....	.....	.....
1900,	67,947	—2,035	.....	.....	.....
1901,	86,086	+18,139	.....	.....	.....
1902,	95,720	+9,634	+11.2	+42,147	+78.7

AVERAGE NUMBER OF DAYS IN OPERATION.

1896,	251	.....	.....	.....	.....
1897,	269	+18	+7.2	.....	.....
1898,	278	+9	+3.3	.....	.....
1899,	287	+9	+3.2	.....	.....
1900,	272	—15	—5.2	.....	.....
1901,	280	+8	+2.9	.....	.....
1902,	285	+5	+1.8	+34	+13.5

AVERAGE EARNINGS FOR THE YEAR.

1896,	\$444.89	\$	.....	.....	.....
1897,	461.19	+16.30	+3.6	.....	.....
1898,	495.81	+34.62	+7.5	.....	.....
1899,	559.00	+63.19	+12.7	.....	.....

COMPARISON OF ROLLED IRON AND STEEL FOR THE YEARS 1896, 1897, 1898, 1899, 1900, 1901 AND 1902—Continued.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.

AVERAGE EARNINGS FOR THE YEAR.—Continued.

1900,	\$573 97	+\$14 97	+2.7	\$	.....
1901,	619 55	+45 58	+7.9	.....	.....
1902,	634 68	+15 13	+2.4	+189 79	+42.7

AVERAGE DAILY WAGE.

1896,	1 77	.....	.....	.....	.....
1897,	1 71	— .06	—3.4	.....	.....
1898,	1 78	+ .07	+4.1	.....	.....
1899,	1 95	+ .17	+9.5	.....	.....
1900,	2 11	+ .16	+8.2	.....	.....
1901,	2 21	+ .10	+4.7	.....	.....
1902,	2 23	+ .02	+ .9	+ .46	+26.0

AVERAGE COST OF LABOR PER TON.

1896,	6 34	.....	.....	.....	.....
1897,	5 16	—1 18	—18.6	.....	.....
1898,	5 63	—13	—2.5	.....	.....
1899,	6 65	+62	+12.3	.....	.....
1900,	6 26	—39	—5.9	.....	.....
1901,	6 15	—11	—2.0	.....	.....
1902,	6 60	+45	+7.2	+26	+4.1

PRODUCTION OF ROLLED IRON AND STEEL, INCLUDING
BLACK PLATE FOR TINNING, IN 1902, BY COUNTIES, WITH
RELATIVE PER CENT.

	Gross Tons.	Per cent.
Allegheny,	5,530,771	58.655
Dauphin,	660,357	7.003
Cambria,	564,053	5.982
Mercer,	429,206	4.552
Westmoreland,	375,470	3.982
Montgomery,	350,296	3.715
Lawrence,	338,835	3.593
Chester,	225,109	2.387
Berks,	166,666	1.767
Lehigh,	79,654	.845
Philadelphia,	64,354	.683
Northampton,	61,529	.653
Delaware,	57,494	.610
Lebanon,	56,803	.602
Blair,	55,226	.586
Lackawanna,	52,420	.556
Montour,	51,229	.543
Washington,	50,528	.536
Northumberland,	48,950	.519
Lancaster,	47,639	.505
Armstrong,	34,023	.361
Columbia,	30,252	.321
Mifflin,	27,379	.290
Perry,	13,783	.146
Indiana,	9,652	.102
Bucks,	8,550	.091

PRODUCTION OF ROLLED IRON AND STEEL, INCLUDING
BLACK PLATE FOR TINNING, IN 1902, BY COUNTIES, WITH
RELATIVE PER CENT.—Continued.

York,	8,537	.090
Fayette,	8,108	.086
Lycoming,	7,777	.083
Greene,	5,359	.057
Centre,	3,510	.037
Beaver,	3,290	.035
Schuykill,	1,889	.020
Luzerne,	667	.007
<hr/>		
Totals,	9,429,365	100.

TIN PLATE.

Production of Tin Plate (Black Plate Works) in Pennsylvania for 1902.

Number of plants in operation,	22
Capital invested,	\$10,858,403
Production of black plate, in pounds,	428,443,592
Quantity of black plate tinned, in pounds,	352,544,992
Quantity of black plate not tinned, in pounds,	75,898,600
Value of this black plate not tinned,	\$2,214,460
Value of tinned production,	\$13,902,295
Total value of entire production, tinned and untinned,	\$16,116,755
Average value per hundred pounds of tinned production,	\$3 94
Average value per ton of 2,000 pounds of black plate not tinned,	\$58 35
Tonnage of sheets not black plate,	13,885
Value of sheets other than black plate,	\$860,000
Average number of days in operation,	193
Average number of working people employed,	8,905
Aggregate amount of wages paid to the working people,	\$4,506,105
Average earnings for the year,	\$506 02
Average daily wage,	\$2 55
Total number of hot mills,	155
Total number of tinning sets,	230
Daily capacity black plate, net tons,	1,152
Daily tinning capacity, net tons,	796

TIN PLATE.

Black Plate Works, 1902, as Compared with 1896, 1897, 1898, 1899, 1900 and 1901.

Years.	Number of es- tablsh- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1902 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.
CAPITAL INVESTED.						
1896,	13	\$3,627,275	\$	.....	\$	.....
1897,	15	5,017,127	+1,389,852	+38.3	.....	.....
1898,	18	7,908,000	+2,885,873	+57.5	.....	.....
1899,	21	8,150,000	+247,000	+3.1	.....	.....
1900,	17	9,771,888	+1,621,888	+19.9	.....	.....
1901,	22	10,525,000	+753,112	+7.8	.....	.....
	22	10,858,403	+333,403	+3.2	+7,231,128	+193.4
QUANTITY IN POUNDS OF BLACK PLATE PRODUCED AND TIN- TINNED.						
1896,	13	97,814,762	.....	.....	.....	.....
1897,	15	179,705,766	+81,891,004	+83.7	.....	.....
1898,	18	222,528,000	+42,822,234	+23.8	.....	.....
1899,	21	292,164,734	+69,636,734	+31.3	.....	.....
1900,	17	264,306,000	—27,858,734	—9.5	.....	.....
1901,	22	377,430,000	+113,124,000	+42.8	.....	.....
1902,	22	352,544,992	—24,885,008	—6.6	+254,700,230	+260.4
QUANTITY OF POUNDS PRODUCED AND NOT TINNED.						
1896,	13	60,491,728	.....	.....	.....	.....
1897,	15	74,451,835	+13,960,107	+23.1	.....	.....
1898,	18	121,536,000	+47,084,165	+63.2	.....	.....
1899,	21	76,436,000	—45,100,000	—37.1	.....	.....
1900,	17	47,696,000	—28,740,000	—37.6	.....	.....
1901,	22	58,198,000	+10,502,000	+22.3	.....	.....
1902,	22	75,838,600	+17,700,600	+30.4	+15,406,872	+25.5
ENTIRE PRODUCTION OF BLACK PLATE IN POUNDS, TINNED AND UNTINNED.						
1896,	13	158,306,490	.....	.....	.....	.....
1907,	15	254,157,601	+95,851,111	+60.5	.....	.....

TIN PLATE.

Black Plate Works, 1902, as Compared with 1896, 1897, 1898, 1899, 1900 and 1901.

Years.	Number of es- tabl sh- men s n operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1902 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.
ENTIRE PRODUCTION OF BLACK PLATE IN POUNDS, TINNED AND UNTINNED.—Con- tinued.						
1898,	18	344,664,000	+89,906,899	+35.4	.....	.....
1899,	21	368,600,734	+24,536,734	+7.1	.....	.....
1900,	17	312,002,000	—56,598,734	—15.4	.....	.....
1901,	22	435,628,000	+123,626,000	+39.6	.....	.....
1902,	22	428,443,592	—7,184,408	—1.6	+270,137,102	+170.6
VALUE OF TIN AND TINNE PLATE PRO- DUCED.						
1896,	13	3,157,699	.....	.....	.....	.....
1897,	15	5,180,624	+2,622,925	+64.0	.....	.....
1898,	18	6,637,921	+1,517,297	+29.5	.....	.....
1899,	21	10,249,841	+3,551,920	+53.0	.....	.....
1900,	17	10,906,510	+686,669	+6.7	.....	.....
1901,	22	15,084,852	+4,148,342	+37.9	.....	.....
1902,	22	13,902,295	—1,182,557	—7.8	+10,744,506	+340.3
VALUE OF THE BLACK PLATE NOT TINNED.						
1896,	13	\$1,480,112	\$	.....	\$	.....
1897,	15	1,657,297	+177,185	+11.9	.....	.....
1898,	18	2,646,314	+689,017	+59.7	.....	.....
1899,	21	1,002,691	—743,623	—28.1	.....	.....
1900,	17	1,654,387	—248,304	—13.0	.....	.....
1901,	22	1,940,486	+286,099	+17.3	.....	.....
1902,	22	2,214,460	+273,986	+14.1	+734,348	+49.5
VALUE OF ENTIRE PRO- DUCTION OF BLACK PLATE TINNED AND UNTINNED.						
1896,	13	4,637,811	.....	.....	.....	.....
1897,	15	6,837,921	+2,200,110	+47.4	.....	.....
1898,	18	9,344,235	+2,506,314	+36.6	.....	.....

TIN PLATE.

Black Plate Works, 1902, as Compared with 1896, 1897, 1898, 1899, 1900 and 1901.

Years.	Number of es- tablish- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1902 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

VALUE OF ENTIRE PRO-
DUCTION OF BLACK
PLATE TINNED AND
UNTINNED.—Continued.

1899,	21	\$12,152,532	+\$2,808,297	+30.1	\$	.....
1900,	17	12,590,897	+438,365	+3.6	.....	.....
1901,	22	17,025,338	+4,434,441	+25.2	.....	.....
1902,	22	16,116,755	—908,583	—5.3	+11,478,944	+247.5

VALUE PER 100 POUNDS
OF TIN AND TERNE
PLATE.

			Cts.		Cts.	
1896,	13	2 22	.....	.....	.....	.....
1897,	15	2 88	—35	—10.9	.....	.....
1898,	18	3 01	+13	+4.5	.....	.....
1899,	21	3 51	+50	+16 6	.....	.....
1900,	17	4 14	+63	+17.9	.....	.....
1901,	22	4 00	—14	—3.4	.....	.....
1902,	22	3 94	—06	—1.5	+71	+22.0

VALUE PER TON OF 2,-
000 POUNDS OF BLACK
PLATE NOT TINNED.

1896,	13	48 93	.....	.....	.....	.....
1897,	15	44 51	—4 42	—9.0	.....	.....
1898,	18	43 83	—68	—1.5	.....	.....
1899,	21	49 79	+5 96	+13.6	.....	.....
1900,	17	69 37	+19 58	+39.3	.....	.....
1901,	22	66 69	—2 63	—3.9	.....	.....
1902,	22	58 35	—8 34	—12.5	+9 42	+19.2

AVERAGE NUMBER OF
DAYS IN OPERATION.

1896,	13	250	.....	.....	.....	.....
1897,	15	281	+31	+12.4	.....	.....
1898,	18	278	—3	—1.0	.....	.....
1899,	21	223	—55	—19 8	.....	.....

TIN PLATE.

Black Plate Works, 1902, as Compared with 1896, 1897, 1898, 1899, 1900 and 1901.

Years.	Number of es- tablsh- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1902 as compared with 1896.	
			Amounts.	Per- centage.	Amounts.	Per- centage.

AVERAGE NUMBER OF
DAYS IN OPERATION.
—Continued.

1900,	17	199	—24	—10.1	.....	.....
1901,	22	223	+29	+14.6	.....	.....
1902,	22	198	—30	—13.1	—52	—20.8

AVERAGE NUMBER OF
WORKING PEOPLE
EMPLOYED.

1896,	13	3,194	.....	.....	.....	.....
1897,	15	3,920	+726	+22.7	.....	.....
1898,	18	5,036	+1,116	+28.5	.....	.....
1899,	21	7,682	+2,646	+52.5	.....	.....
1900,	17	7,394	—288	—3.7	.....	.....
1901,	22	8,188	+794	+10.8	.....	.....
1902,	22	8,905	+717	+8.8	+5,711	+178.8

AGGREGATE AMOUNT
OF WAGES PAID.

1896,	13	\$1,437,226	\$	.....	\$	.....
1897,	15	2,227,217	+789,991	+54.9	.....	.....
1898,	18	2,943,954	+716,737	+32.2	.....	.....
1899,	21	4,054,395	+1,110,441	+37.7	.....	.....
1900,	17	3,526,934	—527,461	—13.0	.....	.....
1901,	22	4,553,561	+1,066,627	+30.2	.....	.....
1902,	22	4,506,105	—57,456	—1.9	+3,068,879	+213.5

AVERAGE YEARLY
EARNINGS.

1896,	13	456 55	.....	.....	.....	.....
1897,	15	568 17	+111 62	+24.4	.....	.....
1898,	18	584 58	+16 41	+2.9	.....	.....
1899,	21	327 78	—56 80	—9.7	.....	.....
1900,	17	477 00	—50 78	—9.6	.....	.....
1901,	22	561 01	+84 01	+17.6	.....	.....
1902,	22	506 02	—4 99	—9	+49 47	+10.8

TIN PLATE.

Black Plate Works, 1902, as Compared with 1896, 1897, 1898, 1899, 1900 and 1901.

Years	Number of es- tablish- ments in operation.	Totals.	Increase (+) or de- crease (—) as com- pared with preced- ing year.		Increase (+) or de- crease (—) 1902 as compared with 1893.	
			Amounts.	Per- centage.	Amounts.	Per- centage.
AVERAGE DAILY WAGE.						
			Cts.		Cts.	
1896,	13	\$1 80	.....	.....	.....	.....
1897,	15	2 02	+22	+12.2	.....	.....
1898,	18	2 10	+08	+4.0	.....	.....
1899,	21	2 36	+26	+12.4	.....	.....
1900,	17	2 40	+04	+1.7	.....	.....
1901,	22	2 46	+06	+2.5	.....	.....
1902,	23	2 55	+09	+3.7	+75	+41.7

PRODUCTION OF TIN PLATE DIPPING WORKS, 1902.

(THE DIPPING WORKS BUY ALL THEIR BLACK PLATE.)

Number of plants in operation,	5
Number of tinning sets,	45
Daily capacity in net tons,	200
Value of plants,	\$718,503
Average number of days in operation,	279
Average number of working people employed,	353
Aggregate amount of wages paid to these working people,	\$164,540
Total production, in pounds, tin and terne,	44,250,396
Total value of production,	\$2,274,552
Average value per net ton,	\$102 80
Average value for 100 pounds,	\$5 14
Average earnings for the year,	\$459 61
Average daily wage,	\$1 61

COMBINED PRODUCTION OF TIN AND TERNE PLATE BY
THE BLACK PLATE WORKS AND THE DIPPING WORKS,
1902.

Total production in pounds of tin and terne plate,	396,795,388
Total value,	\$16,176,847
Average value per hundred pounds,	\$4 08

COMBINED PRODUCTION OF TIN AND TERNE PLATE BY
THE BLACK PLATE AND DIPPING WORKS, IN 1902, AS
COMPARED WITH 1896, 1897, 1898, 1899, 1900 AND 1901.

Years.	Totals.	Increase (+) or decrease (—) as compared with preceding year.		Increase (+) or decrease (—) 1902 as compared with 1896.	
		Amounts.	Percentage.	Amounts.	Percentage.
TOTAL NUMBER OF POUNDS TIN AND TERN PLATE.					
1896,	139,588,763	.....	.....	.....	.....
1897,	225,641,766	+86,053,063	+61.6	.....	.....
1898,	262,934,000	+37,292,234	+16.5	.....	.....
1899,	331,082,734	+68,148,734	+25.9	.....	.....
1900,	297,854,000	—33,228,734	—10.0	.....	.....
1901,	421,640,000	+123,786,000	+41.6	.....	.....
1902,	396,795,388	—24,844,612	—5.9	+257,206,685	+184.3
TOTAL VALUE.					
1896,	\$5,045,097	\$	.....	\$	.....
1897,	6,997,041	+1,951,944	+38.7	.....	.....
1898,	8,445,097	+1,448,056	+20.7	.....	.....
1899,	12,165,879	+3,729,782	+44.1	.....	.....
1900,	13,044,487	+878,608	+7.2	.....	.....
1901,	17,612,030	+4,567,543	+35.0	.....	.....
1902,	16,176,847	—1,435,183	—8.1	+11,131,750	+220.6
AVERAGE VALUE PER HUN- DRED POUNDS.					
1896,	3 61	.....	.....	.....	.....
1897,	8 10	—51	—14.1	.....	.....
1898,	8 21	+11	+3.5	.....	.....
1899,	3 67	+46	+14.3	.....	.....
1900,	4 38	+71	+19.3	.....	.....
1901,	4 18	—20	—4.7	.....	.....
1902,	4 08	—10	—2.4	+47	+13.0

BLACK PLATE PRODUCTION BY COUNTIES.

PRODUCTION AND RELATIVE PER CENT. BY COUNTIES OF BLACK PLATE PRODUCED AT THE BLACK PLATE WORKS, PICKLED AND READY FOR TINNING.

Counties.	Net Tons.	Per cent.
Lawrence,	70,509	32.91
Westmoreland,	50,489	23.57
Allegheny,	47,624	22.23
Mercer,	24,495	11.44
Fayette,	7,390	3.45
Dauphin,	6,425	3.00
Greene,	5,359	2.50
Washington,	1,430	.67
Montgomery,	500	.23
	<hr/>	<hr/>
Totals,	214,221	100.
	<hr/>	<hr/>

TIN AND TERNE PLATE BY COUNTIES (DIPPING WORKS).

RELATIVE PER CENT. BY COUNTIES, OF TIN AND TERNE PLATE PRODUCED 1902 BY THE DIPPING WORKS. (BUY THEIR BLACK PLATE.)

Counties.	Net Tons.	Per cent.
Philadelphia,	15,614	70.57
Allegheny,	6,511	29.43
	<hr/>	<hr/>
Totals,	22,125	100.
	<hr/>	<hr/>

PRODUCTION OF TIN AND TERNE PLATE IN 1902 AT THE BLACK PLATE WORKS BY COUNTIES, AND RELATIVE PER CENT.

Counties.	Net Tons.	Per cent.
Lawrence,	68,834	39.05
Westmoreland,	48,472	27.50
Allegheny,	31,878	18.03
Mercer,	14,275	8.10
Fayette,	7,151	4.06
Greene,	4,231	2.40
Dauphin,	1,013	.57
Washington,	418	.24
	<hr/>	<hr/>
Totals,	176,272	100.
	<hr/>	<hr/>

TOTAL TIN PLATE BY COUNTIES

PRODUCTION AND RELATIVE PER CENT. BY COUNTIES, OF TIN AND
TERN PLATE PRODUCED BY THE BLACK PLATE WORKS AND DIP-
PING WORKS COMBINED, 1902.

Counties.	Net Tons.	Per cent.
Lawrence,	68,834	34.69
Westmoreland,	48,472	24.43
Allegheny,	38,389	19.35
Philadelphia,	15,614	7.87
Mercer,	14,275	7.20
Fayette,	7,151	3.60
Greene,	4,231	2.13
Dauphin,	1,013	.52
Washington,	418	.21
	<hr/>	<hr/>
Totals,	198,397	100.
	<hr/>	<hr/>

ANALYSIS.

1896 Series.

In our 1896 publication this bureau started a comparative series of some of the many industries in the State, and classified them. We began with 1,162 establishments in 1896. In 1897, when making the compilation, it became necessary to drop 243 plants owing to various causes, such as failures, going out of business, etc. Through the series of years this elimination has been going on until we have but 771 establishments to compare this year. These tables, found on pages 7 to 349, are an interesting study to the political economist, as they are indicative of all the varied industries in the State, as tabulated on the above tables, and speak volumes as to the prosperous era through which we are passing.

Your attention is called to comparison of the tables on pages 97 to 246, particularly to the number of persons employed, wages paid, average yearly earnings and the value of the product. In 1896 these 771 establishments employed 129,240 people. There has been a continual increase in employment during the seven years covered in these tables until in 1902, 203,927 persons were employed, or a gain over 1896 of 57.8 per cent. So it is with the wages paid, from \$49,430,808 paid in 1896 the wages have continually increased until in 1902 \$98,432,570 were paid to working people, or a gain of 99.1 per cent. Having worked more days in 1902 than in 1896, it follows that the yearly earnings are greater. There was a gain of 23 days in 1902, and where the earnings in 1896 were \$382.47, in 1902 they increased to \$482.68, or an advance of 26.2 per cent.

Still continuing the analysis as to the value of the production, the market value of the production of these 771 establishments in 1896 was \$185,249,628 as against \$421,141,115 in 1902, or a gain of 127.5 per cent.

An interesting table will be found on pages 400-402 showing the average daily wage in the 88 industries considered in this series, which ranges from \$3.64 paid in the manufacture of tool steel down to 77 cents paid in the manufacture of silk broad goods and ribbons. As we gather statistics of the wage worker without regard to sex, of course the industries in which female help predominate show a lower rate of average daily wage.

Pig Iron.

In 1896 this State produced 4,026,350 gross tons of pig iron, and there has been a rapid increase in production in the seven years.

with the exception of 1900, when there was a slight decrease, until we have the gratifying result in this year's report of a total tonnage of 8,111,642 gross tons, or a gain of 101.4 per cent.

The gain in value is even more noticeable, showing a steady increase year by year. As iron is indicative of business prosperity, especially in this State, a slight idea may be gained as to business conditions from the figures presented. The value of the output of pig iron in 1896 was \$45,172,039, which with the increased tonnage and the advance in price shows a total value in 1902 of \$126,857,231, or a gain of 188.3 per cent., or nearly three times as much in the seven years.

The number of working men in this industry was largely increased, the report in 1896 showing the average number employed to be 11,580, while in 1902 17,101 were employed, or 47.2 per cent. of an increase.

A furnace is supposed to be in blast 365 days, or the entire year, but in treating of all the furnaces under one proposition we have to show the average number of days of all furnaces worked, as some are in blast but part of the year and then discontinue, while new furnaces are built and begin business the latter part of the year. In 1896 the average days of employment was 289, while in 1902 the average was 314, or a gain of 8.7 per cent.

The average daily wage of the working men in the manufacture of pig iron has, with the exception of for the years 1897 and 1898, which show slight decreases, advanced steadily. We find from our comparisons that the average daily wage in 1896 was \$1.37; in 1897 \$1.36, and that in 1898 it dropped to \$1.32. In 1899 an increase of 14.4 per cent. brought the average daily wage up to \$1.51, which has gradually increased until in 1902 the average daily wage is shown to be \$1.89, an increase of 52 cents, or 37.9 per cent. over the wage paid in 1896.

The increase in the number of days of employment and the average daily wage, together with the increased tonnage, all tend to add to the yearly earnings of the workingmen, which have advanced steadily. In 1896 the average yearly earnings of each workman was \$396.30, and in 1902 \$595.97, a gain of \$199.67 or 50.4 per cent.

Steel.

The production of steel in the State has kept pace with the times, and added great wealth to Pennsylvania, having to its credit the production in 1902 of 8,511,195 gross tons of steel as against a production in 1896 of 3,345,529 gross tons, or a gain of 154.4 per cent. The tonnage is made up as follows: Bessemer, 4,208,354 gross tons;

open hearth basic and acid, 4,220,279 gross tons, and crucible and other processes 82,562 gross tons. For further analysis see page 409.

Rolled Iron and Steel.

This is the iron age, and no limit to its uses, more of it going into buildings than ever before. Iron is taking the place of stone for bridge building, besides its many other uses, until Pennsylvania alone in 1902 produced 9,429,365 gross tons of finished product, such as rails of all kinds and sizes 1,272,222 gross tons; iron and steel structural shapes, 1,074,856 gross tons; cut nails and cut spikes, 33,638 gross tons; iron and steel plates and sheets, 1,808,992 gross tons and other rolled products, i. e. tack plate, wire rods, spike rods, splice bars, hoops, bands, etc., 5,239,657 gross tons.

The capital invested in plants producing a rolled product in 1896 was \$123,951,317, which has increased to \$247,870,718 in 1902, or a gain of 99.9 per cent.

The total amount of wages paid to the workmen employed, exclusive of office help and salaried men, was \$60,721,858 in 1902, as against \$53,334,787 in 1901, making a gain of 13.8 per cent. Total wages paid out in 1896 was \$23,832,628, which shows by the above comparison that the rolling mills paid for labor in 1902 \$36,889,230 more than in 1896, or a gain of 154.8 per cent.

It follows that more people were employed to make the large increase of wage, and the report shows for 1896 53,573 workmen employed, while in 1901 there were 86,086 engaged in the work, and in 1902 they were increased to 95,720 workmen, or a gain of 78.7 per cent. over the year 1896.

There has been a constant increase in the yearly earnings in this industry in the seven years, and as shown the average yearly earnings per man was \$189.79 more in 1902 than in 1896, a gain of 42.7 per cent. In consequence of the above statement, the average daily wage rose from \$1.77 in 1896 to \$2.23 in 1902, an advance of 26 per cent. Attention is called to a table of counties showing where these 9,429,365 gross tons of rolled product was produced, together with percentages worked out.

Tin Plate.

As our comparative series commences with the year 1896, the manufacture of tin plate has been advanced very rapidly, and now compares more favorably than any of the other industries during the time in which comparisons are made. It will be seen from the

following figures taken from the comparative table just how great a gain has been made in the different branches, together with the wages paid and the amount of production.

The statistics show a capital invested for 1896 of \$3,627,275, while in 1902 there were \$10,858,403 invested capital, or an increase of 109.4 per cent. The production has increased from 158,306,490 pounds in 1896 to 428,443,592 pounds in 1902, or an increase of 270,137,102 pounds, or 170.6 per cent. The value of the tin plate manufactured in 1902 has increased \$11,478,944 over the value in 1896, or a gain of 247.5 per cent. The large increase in production has necessitated a corresponding increase in the number of working people employed. In 1896 there were 3,194 persons employed as compared with 8,905 in 1902, an increase of 5,711 workmen, or 178.3 per cent. The amount of wages paid during the year of 1896 was \$1,437,226, and in 1902 the amount paid was \$4,506,105, or a gain of 213.5 per cent. The average yearly earnings for 1896 was \$456.47, while in 1902 the average was \$502.02, an increase of \$49.47, or 10.8 per cent. The average daily wage of the persons employed has advanced year by year from \$1.80 in 1896 to \$2.55 paid in 1902.

Coal.

If the average person was asked to state the chief industry of Pennsylvania, his immediate response would probably be that it is coal mining, since the operations and the manufacturing interests connected with this greatest natural mineral wealth of the State reaches such colossal proportions.

It was in Pennsylvania that the first anthracite coal was discovered in 1790, and it is still this State that contains practically the output of the world. The first shipment of anthracite was made in a memorable year of our history...a date that pointed most significantly to the great future of the young Republic...the year 1812, when nine wagon loads were taken from Pottsville to Philadelphia.

Unlike a crop that can be again planted after the reaping, this rich product of the earth, when once it is consumed, reproduces itself no more forever as far as the present race of man and his needs are concerned. In the early years those who brought the coal to the surface were as improvident in its waste as if it were inexhaustible. Later, the spirit of commercialism that grasps the age, dragged it relentlessly from the storehouse of the centuries, because of the vast opportunities for temporary gains. It is only within a recent period that a realizing sense of approaching loss in the vanishing treasure has been felt in some measure and that methods of careful conservation have been employed.

Devices are now used to render marketable much that was once rejected. The long, blue mountains of culm are being eaten away by the furnaces and engines of industry; rivers are being dredged and forgotten chambers are being scanned with covetous eyes for what might have been overlooked in the days of opulent veins. In many cases the very foundations of the earth have been menaced by the greed for the precious supports which the laws of nature and of man have decreed should remain forever untouched. The very dust of the coal has been made into bricquettes for burning, and thus as time passes still closer economy will be observed with relation to mining.

There was much agitation throughout the State in 1900 over the condition of the mine-workers in the anthracite field, the question of wages being uppermost. The disquietude resulted in a strike of three months' duration which terminated by the granting of a ten per cent. increase and some other concessions by the operators. The unions grew in number as well as membership and irritation continued to exist between employer and employe until a climax was reached in May of 1902, when another strike was declared which was unbroken for six months. Through the intervention of the President of the United States, a commission was appointed to investigate the differences that caused so much friction and if possible arrange a settlement; an innovation now recognized as a part of a permanent basis in the adjustment of labor disputes.

This bureau had not before collected statistics of the coal mining industry, but it was now believed that the time had come to take up the subject and because of an absolutely impersonal point of view, much might be done to clear away the haze that had obscured the mind of the public and present the matter in a practical and concrete form.

The work was begun early in the history of the strike and it was found that the coal mining companies were perfectly willing to give all the data required and in fact that they courted investigation, confident that those in their employ were receiving fair treatment.

The result of the inquiries was not made public during the sessions of the Anthracite Strike Commission, the records of the bureau of statistics were however, consulted continuously by the counsel of both sides while that investigation was in progress, and were of invaluable assistance in showing the actual wage conditions of other industries in Pennsylvania.

It is shown from the reports that there are nine counties in the State producing anthracite, or hard coal, with the number of collieries in each, and twenty-six counties producing bituminous, or soft coal—semi-bituminous being included in the latter list.

The methods of mining these two kinds of coal are so different

that there can be no comparison except along general lines, and an explanation should be given at this point.

Four methods are employed in reaching anthracite, namely: By means of stripping, drift, slope and shaft. For the coal lying close to the surface, as in some parts of Luzerne county, it is more economical to remove the superficial dirt and rock. A vein lower down and having an "outcropping" in the side of a hill can be reached at less expense by making a drift. The pitching veins are mined by slopes and the lower veins are taken out through a shaft.

These shafts are driven from 80 feet to seventeen hundred feet deep, entailing upon the operator a large expenditure of money. A breaker is built for the purpose of cleaning the coal, removing the slate and other impurities and assorting it into sizes for the market. These breakers cost from \$50,000 to \$150,000 each, and the landscape up and down the anthracite valleys is marked with the tall, dusky towers of these castles of industry.

Other accompaniments of mining include the driving of "headings" to open up "chambers," mules to bring the coal to the foot of the shaft, carpenter and blacksmith shops, stables for the mules, powder house, etc., until a half million or more dollars will be invested before any coal is shipped.

It is altogether different in the mining of bituminous coal. Here little preparation is needed for the market as it is sold without regard to the size and is often placed in the cars ready for shipment just as it comes from the mine. The coal is procured with less difficulty than anthracite, although the veins are much thinner. Being much softer neither as much muscular effort nor as much powder is necessary. The mines are usually entered from drifts, although there are some slopes not often extending below 300 feet. Instead of breakers "tipples" and screens are used when the coal is to be prepared for market. Much of the bituminous coal is used for coking, a ton of coke being produced from 1.6 tons of coal.

The difference in mining the two varieties of coal is particularly noticeable when the employes are considered. There are 79,121 miners employed in the bituminous regions, or 71.1 per cent of the entire number in bituminous mining; while there are 35,842 miners in the anthracite field, or 25.3 per cent of the whole number thus engaged.

Again the figures are at variance with regard to the inside help required to get the coal to the surface after it is "cut" by the miners. In the bituminous mines from which our statistics were procured, there were employed 18,853 inside workmen, exclusive of miners, or 16.9 per cent., while in the mining of anthracite it required 58,592, or 41.3 per cent. of the whole. These comprised mine laborers, track layers, pump runners, foot and slope men, company men, drivers,

door boys, etc., whose services were necessary to bring the coal to the surface. At that point in bituminous mining it required 13.255 men to take care of the tonnage and place it on board the cars for shipment, the percentage being 11.9 of all the workmen employed. In the anthracite industry 47,346 employes were required, including engineers, firemen, blacksmiths, carpenters, loaders, platemen, slate-pickers (the last named being chiefly boys) to prepare the coal for market after it had left the mines, and load it for shipment, or 33.4 per cent.

The total amount of wages paid to the anthracite workers exclusive of office help, management and salaried men in the nine counties was \$53,577,638. In the twenty-six counties comprising the bituminous region, the total amount of wages was \$56,190,179.

The two products come into competition in the commercial world and also have their distinctive markets. In the past there has been a healthy rivalry between the hard and the soft coal operators in securing a market and thus the output has been growing steadily year after year. The question is now being raised as to how long the anthracite coal will last in its limited area, after the exhaustive mining of the almost three quarters of a century.

ANTHRACITE COAL.

Statistics of the Anthracite Coal Operations for the Fiscal Year
Ending June 30, 1902.

Number of miners,	35,842
Number of inside workmen including labor- ers, trackmen, pumpmen, etc.,	58,592
Number of outside workmen, including breaker boys,	47,346
	<hr/>
Total number of employes,	141,780
	<hr/>
Aggregate wages paid to miners,	\$17,776,586
Aggregate wages paid to inside workmen, including laborers, trackmen, drivers, etc.,	\$21,296,393
Aggregate wages paid to outside workmen, including breaker boys,	\$14,504,659
Total number of tons of coal shipped,	43,807,862
Value on board cars,	\$93,680,586
*Average number of days in operation (miners),	175
*Average number of days in operation (inside work- men),	173
*Average number of days in operation (outside work- men),	177
Average yearly wages (miners),	\$495 97
Average yearly wages (inside workmen),	\$363 47
Average yearly wages (outside workmen),	\$306 37
Average daily wage (miners),	\$2 83
Average daily wage (inside workmen),	\$2 10
Average daily wage (outside workmen),	\$1 73
Average number of tons of coal mined by each man per year,	1,222
Average number of tons of coal mined by each man per day,	7

*This includes about two months of the fiscal year during the strike.

Note.—The above table does not include coal produced by the "washeries."

ANTHRACITE COAL.

The Following Shows the Counties in Which Anthracite Coal is Mined, Together With the Number of Collieries in Each.

Counties.	No. of Collieries.
Luzerne,	90
Schuylkill,	65
Lackawanna,	61
Northumberland,	22
Carbon,	10
Columbia,	4
Dauphin,	3
Sullivan,	2
Susquehanna,	2
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Total number of collieries,	259
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BITUMINOUS COAL.

Statistics of the Bituminous Coal Operations for the Year Beginning June 30, 1901, and Ending June 30, 1902.

Total number of miners,	79,121
Total number of inside workmen,	18,853
Total number of outside workmen,	13,255
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Total number of persons employed,	111,229
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Aggregate wages paid to miners,	\$39,867,090
Aggregate wages paid to inside workmen,	\$10,306,272
Aggregate wages paid to outside workmen,	\$6,016,817

Total tons coal mined,	93,174,295
Realized value,	\$93,725,939
Average number of days worked (miners),	232
Average number of days worked (inside workmen),...	244
Average number of days worked (outside workmen),...	243
Average yearly wages (miners),	\$503 87
Average yearly wages (inside workmen),	\$546 67
Average early wages (outside workmen),	\$453 93
Average daily wage (miners),	\$2 16
Average daily wage (inside workmen),	\$2 24
Average daily wage (outside workmen),	\$1 87
Average number of tons per man mined during the year,	1,177
Average number of tons per man mined per day,.....	5
Average value per ton at the mines,	\$1 06
Number of miners owning their own homes as reported,	8,317

BITUMINOUS COAL.

List of Counties Which Produce Bituminous Coal, Together With
the Number of Mines Operated in Each.

Counties.	No. of Mines.
Columbia,	130
Fayette,	130
Clearfield,	124
Allegheny,	109
Westmoreland,	97
Somerset,	54
Washington,	47
Indiana,	34
Centre,	33
Jefferson,	28

No. 10.	STATISTICS OF MANUFACTURES.	437
Armstrong,		19
Bedford,		14
Huntingdon,		13
Butler,		13
Elk,		12
Mercer,		12
Clarion,		11
Tioga,		9
Beaver,		7
Blair,		7
Lawrence,		5
Clinton,		4
Bradford,		1
Greene,		1
Lycoming,		1
McKean,		1
Total number of mines,		916

DIRECTORY OF PIG IRON FURNACES IN BLAST IN PENNSYLVANIA IN 1902.

Firm.	Location.	P. O. Address.
American Steel Hoop Company,	Etna,	Carnegie Building, Pittsburgh.
American Steel and Wire Company,	Pittsburg, Allegheny Neville Island.	Pittsburg.
Atlantic Iron and Steel Company,	New Castle,	New Castle.
Bellefonte Furnace Company,	Spring Township,	Bellefonte.
Bethlehem Steel Company,	South Bethlehem,	South Bethlehem.
Brooke Iron Company, E. & G.,	Birdsboro,	Birdsboro.
Carbon Iron and Steel Company, Limited, ..	Parryville,	Parryville.
Cambria Steel Company,	Johnstown,	Johnstown.
Carnegie Steel Company,	Bessemer, Pittsburg, Cochran and Rankin.	Carnegie Bdg., Pittsburg.
Central Iron and Steel Company,	Harrisburg,	Harrisburg.
Claire Furnace Company,	Sharpsville,	Sharpsville.
Clinton Iron and Steel Company,	Pittsburg,	Box 177 Pittsburg.
Colonial Iron Company,	Riddlesburg,	Riddlesburg.
Corrigan, McKinney & Company,	Scottdale,	Cleveland, Chio.
Crane Iron Works,	Allentown and Catasauqua.	Catasauqua.
Dunbar Furnace Company,	Dunbar,	Dunbar.
Eastle Iron Company,	Curt'n Station,	Roland.
Empire Steel and Iron Company,	Reading, Topton and Macunzie.	Catasauqua.
Emporium Iron Company,	Emporium,	Emporium.
Glen Iron Furnace Company,	Glen Iron,	Glen Iron.
Jones & Laughlin Steel Company,	Pittsburg and Soho, ..	Pittsburg.
Kittanning Iron and Steel Manufacturing Co.,	Kittanning,	Kittanning.
Lackawanna Iron and Steel Company,	Scranton (abandoned),	Buffalo.
Lebanon Valley Furnace Company,	Lebanon,	Lebanon.
Leesport Furnace Company,	Leesport,	Leesport.
Lehigh Steel and Iron Company,	Allentown,	Allentown.
Logan Iron and Steel Company,	Greenwood Furnace, ..	Greenwood Furnace.
National Steel Company,	New Castle and Sharon,	Pittsburg.
National Tube Company,	McKeesport,	Pittsburg.
Nittany Iron Company,	Bellefonte,	Bellefonte.
Northside Iron Company,	Sharpsville,	Sharpsville.
Pennsylvania Furnace Company,	Sheridan,	Sheridan.
Pennsylvania Steel Company,	Steelton, Harrisburg and Lebanon.	Steelton.
Perkins & Company, Limited,	Sharpsville,	Sharpsville.
Pickands, Mather & Company,	West Middlesex,	Cleveland, Ohio.
Punxsutawney Iron Company,	Punxsutawney,	Punxsutawney.
Reading Iron Company,	Reading and Emaus, ..	Reading.
Republic Iron and Steel Company,	Sharon,	Stock Exchange Bdg., Chicago, Ill.
Richard Heckscher & Sons Co.,	Swedeland,	4th and Walnut Sts., Philadelphia.
Robesonia Iron Company, Limited,	Robesonia,	Robesonia.
Rockhill Furnace Company,	Rockhill Furnace,	Rockhill Furnace.
Saxton Furnace Company,	Saxton,	Saxton.
Sharpsville Furnace Company,	Sharpsville,	Sharpsville.
Shenango Furnace Company,	Sharpsville,	Frick Bdg., Pittsburg.
Stewart Iron Company, Limited,	Sharon,	Sharon.
Susquehanna Iron & Steel Company,	Watts Station and Wrightsville.	Columbia.
The Allentown Rolling Mill,	Allentown,	Allentown.
The Cherry Valley Iron Company,	West Middlesex,	Pittsburg.
The Du'ram Iron Company,	Riegelsville,	Riegelsville.
The Juniata Furnace and Foundry Co.,	Newport,	20 West Girard Ave., Philadelphia.
The Lackawanna Iron and Steel Co.,	Cornwall and Lebanon,	100 Broadway, New York, N. Y.
The New Jersey Zinc Company,	South Bethlehem,	South Bethlehem.
The Paxton Iron and Steel Company,	Harrisburg,	Harrisburg.

DIRECTORY OF PIG IRON FURNACES IN BLAST IN PENNSYLVANIA IN 1902—Continued.

Firm.	Location.	P. O. Address.
The Sharon Steel Company,	South Sharon,	South Sharon.
Temple Iron Company,	Temple,	Reading.
Tidewater Steel Company,	South Chester,	Chester.
Thomas Iron Company,	Hellertown, Island Park, Hokendauqua and Alburdis.	Easton.
Thropp, Joseph E.,	Earlston,	Earlston.
Warwick Iron and Steel Company,	Pottstown,	Pottstown.
Youngstown Iron, Sheet and Tube Co., ...	Sharpsville,	Youngstown, Ohio.

NAME AND LOCATION OF FURNACES NOT IN BLAST IN 1902.

Chickies Furnace,	Chickies.
Emporium Furnace,	Emporium.
Hecla Furnace,	Milesburg.
St. Clair Furnace Company,	Clairton.
Union Steel Company,	Denora.

DIRECTORY OF STEEL MILLS AND ROLLING MILLS IN OPERATION IN PENNSYLVANIA IN 1902.

Firm.	Location.	P. O. Address.
Allegheny Steel and Iron Company,	Avenue,	Pittsburg.
Altoona Iron Company,	Altoona,	Altoona.
American Car and Foundry Company,	Berwick,	Berwick.
American Iron and Steel Manufacturing Co.,	Reading, Lebanon (3 plants.)	Lebanon.
American Sheet Steel Company,	McKeesport, Apollo, Van- dergrift, Hyde Park, Scottdale, Leechburg, Saltsburg.	715 Battery Park Bdg., New York.
American Steel Casting Company,	Thurlow, Sharon,	Chester.
American Steel Foundries,	Pittsburg, Franklin, ..	74 Broadway, New York.
American Steel Hoop Company,	Pittsburg (2 plants). Allegheny city, Green- ville, Monessen, Dun- cansville.	Pittsburg.
American Steel and Wire Company,	Pittsburg (4 plants), Rankin Station, Al- lertown.	Western Reserve Bdg., Cleveland, O.
Atlantic Iron and Steel Company,	New Castle,	New Castle.
Bailey & Company, Charles L.,	Harrisburg,	Harrisburg.
Bethlehem Steel Company,	South Bethlehem,	South Bethlehem.
Braeburn Steel Company,	Braeburn,	Braeburn.
Brooke Iron Company, E & G.,	Birdsboro,	Birdsboro.
Brown & Company, Inc.,	Pittsburg,	Pittsburg.
Bryden Horseshoe Company,	Catasauqua,	Catasauqua.
Brylgon Steel Casting Company,	Reading,	Reading.

DIRECTORY OF STEEL MILLS AND ROLLING MILLS IN OPERATION IN PENNSYLVANIA IN 1902—Continued.

Firm.	Location.	P. O. Address.
Burgess, Charles,	Titusville,	Titusville.
Byers & Company, Inc., A. M.,	Pittsburg,	Pittsburg.
Cambria Steel Company,	Johnstown,	Johnstown.
Carbon Steel Company,	Pittsburg,	Havemeyer Building, New York.
Carlin Company, W. J.,	Pittsburg,	Pittsburg.
Carnegie Steel Company,	Bessemer, Cochran, Homestead, Pittsburg (3 plants.)	Pittsburg.
Carnegie Tube Company,	Carnegie,	Carnegie.
Carpenter Steel Company,	Reading,	Reading.
Central Iron and Steel Company,	Harrisburg,	Harrisburg.
Chester Iron and Steel Company,	Chester,	Chester.
Chester Steel Casting Company,	Chester,	Chester.
Clairton Steel Company,	Clairton,	Pittsburg.
Clement & Company, F. H.,	Schuylkill Haven,	Schuylkill Haven.
Coatesville Rolling Mill Company,	Coatesville,	Coatesville.
Colonial Steel Company,	Pittsburg,	Pittsburg.
Consolidated Iron and Steel Company,	Bristol,	664 Bullitt Bdg., Phila- delphia.
Crucible Steel Company of America,	Pittsburg (3 plants.) ...	Pittsburg.
Crum Lynne Iron and Steel Company,	Crum Lynne,	505 Chestnut St., Phila- delphia.
Danville Bessemer Company,	Danville,	Danville.
Danville Structural Tubing Co.,	Danville,	Danville.
Dilworth, Porter & Company, Limited,	Pittsburg,	Pittsburg.
Diston & Sons Iron and Steel Co., Henry, ..	Tacony, Philadelphia, ..	Philadelphia.
Douglaville Iron Company,	Douglaville,	Douglaville.
Duncannon Iron Company,	Duncannon,	Duncannon.
Duquesne Steel Foundry Co.,	Corapolis,	Pittsburg.
Ellis & Lessig Steel and Iron Company, ...	Pottstown,	Pottstown.
Ellwood Ivins,	Oak Lane,	Oak Lane, Philadelphia.
Firth-Sterling Steel Company,	Lemmer,	Pittsburg.
Fort Pitt Iron and Steel Company,	Pittsburg,	Pittsburg.
Foster & Company, Alex.,	Philadelphia,	Philadelphia.
Gaulbert & Caskey,	Philadelphia,	American & York Sts., Philadelphia.
Glasgow Iron Company,	Pottstown,	Pottstown.
Godcharles Company, F. A.,	Milton,	Milton.
Green Ridge Iron Works,	Scranton,	Scranton.
Harrisburg Rolling Mill Company,	Harrisburg,	Harrisburg.
Holidaysburg Iron and Nail Company,	Holidaysburg,	Holidaysburg.
Hoopers & Townsend Company,	Hoopeston,	Hoopeston.
Hughes & Patterson,	Philadelphia,	800 Richmond St., Phila- delphia.
Hussey-Binns Shovel Company,	Charleroi,	Pittsburg.
Hussey Steel Company,	New Kensington,	215½ 4th Ave., Pitts- burg.
Jenkins Iron and Tool Company,	Howard,	Howard.
Johnson, George,	Catasauqua,	Catasauqua.
Jones & Laughlin Steel Company,	Pittsburg,	Pittsburg.
Kittanning Iron and Steel Manufacturing Co.,	Kittanning,	Kittanning.
Lackawanna Iron and Steel Company,	Scranton (abandoned), ..	Buffalo.
Latrobe Steel Company,	Latrobe,	1200 Girard Building, Philadelphia.
Lebanon Iron and Steel Company,	Lebanon,	Lebanon.
Lebanon Valley Iron Company,	Norristown,	Lebanon.
Lockart Iron and Steel Company,	McKees Rocks,	Pittsburg.
Logan Iron and Steel Company,	Burnham,	Burnham.
Longmead Iron Company,	Conshohocken,	Conshohocken.
Lucknow Iron and Steel Company,	Pine Iron Works,	Harrisburg.
	Lucknow,	
Lukens Iron and Steel Company,	Coatesville,	Coatesville.
Mackintosh, Hemphill & Company,	Pittsburg,	Pittsburg.
McCoy & Linn,	Milesburg,	Milesburg.
McInnes Steel Company, Limited,	Corry,	Corry.

DIRECTORY OF STEEL MILLS AND ROLLING MILLS IN OPERATION IN PENNSYLVANIA IN 1902—Continued.

Firm.	Location.	P. O. Address.
Mesta Machine Company,	West Homestead,	Pittsburg.
Milton Iron Company,	Milton,	Milton.
Moorhead, Brother & Co., Inc.,	Sharpsburg,	Sharpsburg.
Monongahela Iron and Steel Company,	Pittsburg,	Box 215, Pittsburg.
National Steel Company,	Sharon, New Castle, ..	Pittsburg.
National Tube Company,	Pittsburg (2 plants), ..	Pittsburg.
	McKeesport (3 plants), ..	
Neal Brothers,	Pittsburg,	421 Wood St., Pittsburg.
New Brighton Steel Company,	New Brighton,	New Brighton.
Nickel Steel and Forge Company,	Carnegie,	Pittsburg.
Norway Iron and Steel Company,	York,	York.
Oliver Iron and Steel Company,	Pittsburg,	Pittsburg.
Page Woven Wire Fence Company,	Monessen,	Monessen.
Penn Iron Company, Limited,	Lancaster,	Box 204, Lancaster.
Penn Steel Casting Machine Company,	Chester,	Chester.
Phillips, Nimick & Company,	Pittsburg,	Pittsburg.
Pittsburg Forge and Iron Company,	Pittsburg,	Pittsburg.
Pittsburg Seamless Tube Company,	Pittsburg,	Pittsburg.
Pittsburg Steel Company,	Glassport,	Pittsburg.
Pittsburg Steel Foundry,	Glassport,	Pittsburg.
Potts Brothers Iron Company, Limited, ...	Pottstown,	Pottstown.
Reading Iron Company,	Danville, Reading, ...	Reading.
Reliance Steel Casting Company, Limited, .	Pittsburg,	Pittsburg.
Republic Iron and Steel Company,	Sharon,	Stock Exchange Bdg., Chicago.
Roberts Company, A & P.,	Pencoyd,	15th & Chestnut Sts., Philadelphia.
Rowland, William & Harvey, Inc.,	Frankford, Phila.,	Frankford, Phila.
Scranton Bolt and Nut Company,	Scranton,	Scranton.
Seaboard Steel Casting Company,	Chester,	Chester.
Seyfert, Simon,	Blandon, Gibraltar, ...	Reading.
Seyfert & Brother, Samuel R.,	Seyfert,	Reading.
Sharon Steel Hoop Company,	Sharon,	Sharon.
Shelby Steel Tube Company,	Ellwood City, Green- ville,	Ellwood City.
Slatington Rolling Mills Company,	Slatington,	Slatington.
Solid Steel Casting Company,	Chester,	Chester.
Spang Chalfant & Company, Inc.,	Etna,	Pittsburg.
Sterling Steel Foundry Company,	Pittsburg,	Pittsburg.
Sterlingworth Railway Supply Company, ...	Easton,	1113 North American Bdg., Philadelphia.
Stewart Iron Company, Limited,	Sharon,	Sharon.
Superior Steel Company,	Carnegie,	Carnegie.
Susquehanna Iron and Steel Company,	Columbia (4 plants), York,	Columbia.
The Continental Iron Company,	Wheatland,	Wheatland.
The Eleanor Iron Company,	Holidaysburg,	Tyrone.
The Eleanor Iron and Steel Company,	Irwin,	Irwin.
The Exeter Iron Company,	Reading,	Real Estate Trust Bdg., Philadelphia.
The Lorain Steel Company,	Johnstown,	Johnstown.
The McConway & Torley Company,	Pittsburg,	Pittsburg.
The Midvale Steel Company,	Philadelphia,	Philadelphia.
The Milton Manufacturing Company,	Milton,	Milton.
The National Malleable Castings Company, ..	Sharon,	Sharon.
The Parkeshurg Iron Company,	Parkeshurg,	Parkeshurg.
The Pennsylvania Steel Company,	Steeltown,	Steeltown.
The Phoenix Iron Company,	Phoenixville,	Philadelphia.
The Pittsburg Steel Company,	Monessen,	Pittsburg.
The J. C. Russell Shovel Company,	Aliquippa,	Times Building, Pitts- burg.
The Sharon Steel Company,	Sharon,	Sharon.
The Standard Steel Works,	Burnham,	Harrison Building, Phil- adelphia.
The Tyler Tube and Pipe Company,	Washington,	Washington.

DIRECTORY OF STEEL MILLS AND ROLLING MILLS IN OPERATION IN PENNSYLVANIA IN 1902—Continued.

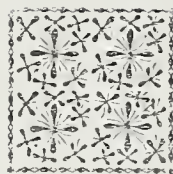
Firm.	Location.	P. O. Address.
The United States Wire and Nail Co.,	Anderson Road,	500 Lewis Bdg., Pittsburg.
The Wyoming Shovel Works,	Wyoming,	Wyoming.
Tidewater Steel Company,	Chester,	Chester.
Timmes & Hecht,	Scranton,	Scranton.
Tyrone Iron Company,	Tyrone,	Harrisburg.
Union Steel Casting Company,	Pittsburg,	Pittsburg.
Union Steel Company,	Donora,	Empire Bdg., Pittsburg.
United Engineering and Foundry Company, ..	Vandergrift,	Pittsburg.
Van Alen & Company,	Northumberland,	Northumberland.
West End Rolling Mill Company,	Lebanon,	Lebanon.
Westmoreland Steel Company,	Huff Station,	424 4th Ave., Pittsburg.
Wharton, Jr., & Co., William, Inc.,	Philadelphia,	Station D, Philadelphia.
Wilkes Rolling Mill Company,	Sharon,	Sharon.
Williamsport Iron and Nail Company,	Williamsport,	Williamsport.
Wood & Brothers Company, J.,	Conshohocken,	Conshohocken.
Wood Company, Alan,	Conshohocken,	519 Arch St., Philadelphia.
Worth Brothers Company,	Coatesville,	Coatesville.
Zug & Company, Limited,	Pittsburg,	Pittsburg.

DIRECTORY OF STEEL MILLS AND ROLLING MILLS IN PENNSYLVANIA NOT IN OPERATION DURING 1902.

Firm.	P. O. Address.
Clinton Iron and Steel Company,	Box 177, Pittsburg.
W. J. Carlin Company,	34th street, Pittsburg.
Estate of Dennis Rielly,	Lancaster.
Jupiter Steel and Coal Company,	616 Lewis Bldg., Pittsburg.
Kidd Brothers & Burgher,	Aliquippa.
Logan Manufacturing Company,	Phoenixville.
Pottsville Iron and Steel Company,	Pottsville.
St. Clair Steel Company,	Empire Bdg., Pittsburg.
The Fullerton Rolling Mill Company,	Bullitt Bldg. Philadelphia.
Tindel-Morris Company,	Eddystone.

DIRECTORY OF TIN PLATE PLANTS IN OPERATION IN PENNSYLVANIA, 1902.

Firm.	Location.	P. O. Address.
American Tin Plate Company,	Pittsburg (2 plants), Demmler, Connells- ville, New Castle (2 plants), Monaca n New Kensington (2 plants), Sharon.	Battery Park Building, New York.
Ferguson Tin Plate Company, Limited,	Pittsburg,	Pittsburg.
Follansbee Brothers Company,	Allegheny city,	325 2d Ave., Pittsburg.
Griffiths Charcoal Iron Mills,	Washington,	Washington.
Hamilton, John,	Hazlewood,	Pittsburg.
Lalace and Grosjean Manufacturing Co., ..	Harrisburg,	19 Cliff St., New York.
Merchant & Company,	Philadelphia,	517 Arch St., Philadel- phia.
Neal Brothers,	Pittsburg,	421 Wood St., Pittsburg.
Sharon Tin Plate Company,	Sharon,	Sharon.
Stanford Rolling Mills,	Conshohocken,	Conshohocken.
The Alcania Company,	Avonmore,	Murland Bdg., Pitts- burg.
The W. H. Griffiths Company,	Waynesburg,	Waynesburg.
Taylor Company, N & G.,	Philadelphia,	Chestnut & Thrd Sts., Philadelphia.
Waynesburg Forge and Sheet and Tin Mills,	Waynesburg,	Waynesburg.



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